



UNDERGRADUATE EDUCATION COMMITTEE (UEC)
February 27, 2015 - 10:00 AM
A225

AGENDA

~~~~~

Page

**1. APPROVAL OF THE AGENDA**

**1.1.**

MOTION: To approve the agenda as presented.

**2. APPROVAL OF UEC MINUTES**

5 - 11

**2.1. UEC draft minutes: January 30, 2015**

MOTION: To approve the draft minutes as presented.

**3. COURSE OUTLINES**

12 -  
32

**3.1. Adult Education**

Changes including title: ADED 210, 407

Changes including title and prerequisites: ADED 310, 430, 446, 471, 472

Changes including prerequisites: ADED 330, 480

MOTION: To approve the ADED course outlines as presented.

33 -  
94

**3.2. Applied and Technical Studies**

New course: HMF 110, Safe Work Practices

New course: HMF 115, Tools and Materials

New course: HMF 120, Operate Equipment

New course: HMF 125, Cutting and Welding

New course: HMF 130, Task Management, Resources, and Record Keeping

New course: HMF 135, Tires, Wheels, Bearings, and Seals

New course: HMF 140, Electrical

New course: HMF 145, Brakes

New course: HMF 150, Hydraulics

New course: HMF 155, Steering and Suspension

New course: HMF 160, Trailers and Components

New course: HMF 165, Heating, Ventilation, and Air Conditioning (HVAC)

New course: HMF 170, Drivetrains

New course: HMF 175, Tracks and Undercarriage

Page

New course: HMF 180, Engines and Support Systems

MOTION: To approve the new HMF course outlines as presented.

95 -  
148

### **3.3. Computer Information Systems**

Changes including course designation (formerly CIS): COMP 230, 370, 371, 380, 390, 430

Changes including prerequisites: CIS 385, 480

Changes including prerequisites: COMP 331/STAT 331, 490

New course: CIS 395, Virtualization and Cloud Infrastructure

New course: COMP 120, Computing for the Sciences

New course: COMP 355, Design and Analysis of Algorithms

New course: COMP 420, Computers and Society

MOTION: To approve the CIS and COMP course outlines as presented.

149 -  
160

### **3.4. English as a Second Language**

New course: ESL 100, ESL Business English

MOTION: To approve the new ESL 100 course outline as presented.

161 -  
171

### **3.5. Geography**

Changes including prerequisites: GEOG 314, 360, 364, 492

MOTION: To approve the GEOG course outlines as presented.

172 -  
254

### **3.6. History**

Amendment of discontinuation: HIST 329

Review with changes: HIST 102, 235, 241, 264, 265, 325

Review with changes including prerequisites: HIST 309, 311, 323/EDUC 323, 364, 391, 392, 412, 414, 415, 430, 431

Review with changes including title and prerequisites: HIST 335, 340, 426

New course: HIST 120, Europe 500-1600: Saints and Sinners in the Medieval World

New course: HIST 121, Europe 1600-1850: Kings, Philosophers, and Revolutionaries

New course: HIST 122, Europe Since 1850: Imperialism, Total War, and the Question of Unity

New course: HIST 162/LAS 162, Soccer and Song in Latin America

Changes including title and course number: HIST 211 (formerly HIST 109)

Changes including course number: HIST 212 (formerly HIST 110)

Changes including title: HIST 357/LAS 357

MOTION: To approve the reinstatement of HIST 329 as presented.

MOTION: To approve the HIST course outlines as presented.

Page

255 -  
267

**3.7. Indigenous Peoples Knowledge**

New course: IPK 401, Indigenous Worldview and Spirituality

New course: IPK 402, Indigenous Studies Field Work Practicum

New course: IPK 403, Indigenous Studies Capstone

New course: IPK 404, Indigenous Studies: Directed Studies

MOTION: To approve the new IPK courses as presented.

268 -  
277

**3.8. Mathematics and Statistics**

Review with changes: MATH 340

Review with changes including prerequisites: MATH 355

MOTION: To approve the MATH course outlines as presented.

278 -  
282

**3.9. Psychology**

New course: PSYC 106, Explorations in Psychology

MOTION: To approve the new PSYC 106 course outline as presented.

283 -  
287

**3.10. Upgrading and University Preparation**

Change to credits: MATH 096

MOTION: To approve the MATH 096 course outline as presented.

**4. PROGRAMS**

288 -  
299

**4.1. Computer Information Systems**

Change to entrance requirements: BCIS, CIS diploma, and CIS certificate

Change to program requirements: Bachelor of Computer Information Systems and CIS diploma

MOTION: To recommend the changes to the Bachelor of Computer Information Systems, Computer Information Systems diploma, and Computer Information Systems certificate as presented, effective September 2016.

MOTION: To approve the changes to the Bachelor of Computer Information Systems and Computer Information Systems diploma program requirements as presented, effective September 2016.

300 -  
310

**4.2. Science**

Changes to program: Bachelor of Science

MOTION: To recommend the changes to the Bachelor of Science residency requirements as presented, effective September 2015.

MOTION: To recommend the changes to the Bachelor of Science program requirements as presented, effective September 2015.

311 -

**4.3. Social, Cultural, and Media Studies**

Page  
316

Change to program requirements: Latin American Studies minor and extended minor

MOTION: To approve the changes to the Latin American Studies minor and extended minor requirements as presented, effective September 2015.

## **5. OTHER BUSINESS/DISCUSSION ITEMS**

317

### **5.1. Locally-developed courses**

MOTION: To recommend that locally developed courses be considered as part of the Approved Grade 12 courses.

318 -  
320

### **5.2. Addendum to Policy 21 Procedures**

321 -  
326

### **5.3. Assignment of Course Credit policy (105)**

### **5.4. UFV Basis of Admission Flowchart**

### **5.5. Admissions Subcommittee report**

### **5.6. Transfer Credit Subcommittee report**

### **5.7. Policy Subcommittee report**

### **5.8. Short Programs Subcommittee**

### **5.9. Report from APPC**

## **6. INFORMATION ITEMS**

**6.1. Minor course changes** (outlines will be available at [www.ufv.ca/calendar/courseoutlines](http://www.ufv.ca/calendar/courseoutlines))  
IPK 331, 386 (formerly IPK 486)  
VA 115, 161, 322, 352

327 -  
329

### **6.2. Revised Concept Paper Guidelines**

## **7. ADJOURNMENT**





## **UNDERGRADUATE EDUCATION COMMITTEE (UEC) MEETING**

January 30, 2015  
10:00 AM - A225  
Abbotsford Campus

### **DRAFT MINUTES**

---

**PRESENT:** Sue Brigden, Rod McLeod, Maria Bos-Chan, Steven Marsh, Al Wiseman, John English, Peter Geller, Samantha Pattridge, Heather Comeau, Rhonda Colwell, Shirley Hardman, Simon Xi, Stan Manu, Nancy Goad, Darren Francis, Maureen Wideman, Lisa Moy, Arlene Leon  
**ABSENT:** Vlad Dvoracek, Eric Spalding, Satwinder Bains, David McGuire, Anthony Iliev, Kate McCulloch  
**GUESTS:** Michael Baumann, Samantha Hampton, Pat Harrison, Karin Jager, Cynthia Loten, Sylvie Murray, Hamish Telford, David Thomson, Betty-Joan Traverse, Tracy Ryder Glass, Ron Wilen  
**RECORDER:** Amanda Grimson

#### **1. APPROVAL OF THE AGENDA**

**MOTION:**

To approve the agenda as presented.  
CARRIED

#### **2. APPROVAL OF UEC MINUTES**

##### **2.1. UEC draft minutes: December 12, 2014**

**MOTION:**

To approve the draft minutes as presented.  
CARRIED

#### **3. COURSE OUTLINES**

##### **3.1. Agriculture**

Changes including total hours and course number: AGRI 306 (formerly AGRI 206)

These changes are for better fit with the proposed Bachelor of Agricultural Science.

**MOTION:**

To approve the AGRI 306 course outline as presented.  
CARRIED

##### **3.2. Communications**

Review with changes including credits, prerequisites, and total hours: CMNS 360

The calendar description for this course includes a note that students "will be required to participate in social media environments". This may be something that should be considered for other courses (and programs) as well.

UEC Draft Minutes  
30 Jan 2015

---

**MOTION:**

To approve the CMNS 360 course outline as presented.  
CARRIED

**3.3. Nursing**

Changes including title and total hours: NURS 101

Changes including title, credits, and total hours: NURS 102, 103

Changes including credits: PNUR 240

Changes including credits and total hours: PNUR 246

PNUR learning outcomes must follow the provincial curriculum and cannot be altered.

**MOTION:**

To approve the NURS and PNUR course outlines as presented.  
CARRIED

**3.4. Mathematics and Statistics**

Review with changes: MATH 255/ENGR 255

Review with changes including pre/corequisites: MATH 316

Review with changes: STAT 450/MATH 450

**MOTION:**

To approve the MATH and STAT course outlines as presented.  
CARRIED

**3.5. Physics**

Review with changes: PHYS 381/MATH 381/ENGR 257

The prerequisites on the cross-listed outlines need to be updated to match the main outline.

**MOTION:**

To approve the PHYS 381/MATH 381/ENGR 257 course outline as presented.  
CARRIED

Discontinuation: PHYS 332, 342, 362, 372

PHYS 342 and 372 are included in the Physics Honours; this program will need to be revised.

**MOTION:**

To approve the discontinuation of PHYS 332, 342, 362, and 372 as presented.  
CARRIED

**4. SHORT PROGRAMS**

**4.1. Short Programs Subcommittee report**

S. Murrery (Program Development Coordinator) indicated that UEC's acceptance of the subcommittee's recommendations chart will inform revisions to the Graduation Awards policy (64).

UEC Draft Minutes  
30 Jan 2015

---

UEC supported most of the recommendations, but there were some concerns about those that relate to multiple credentials (recommendations #5-7). For instance, recommendation #6 (students graduating with a degree cannot apply those credits to a short program credential) precludes students graduating with certificates at the same time as their degree. Students often try to avoid paying multiple graduation request fees, and so often graduate with laddered credentials at the same time, or with certificates related to their degree. Marketing for the TESL program, for example, is based around the ability to get this certificate while completing a bachelor's degree.

S. Murray clarified that these recommendations are intended to address the complicated issue of double-dipping and credential inflation. However, based on comments already received from the Dean's Council and other areas, she suggested withdrawing recommendations #5, 6, and 7. Double-dipping is a larger issue with wider implications than the scope of this subcommittee, and an additional working group or subcommittee may be required. The report will be adjusted to recommend that regulations in this area should be established.

The report also includes a recommendation that the Certificates in Extended Studies be discontinued. These were originally created as a way for students to come back and complete programming that was not available to them at the time, but many have been added that do not fulfill this need. Accepting the recommendations does not mean that anything will change immediately, but may inform the discussion of items that are later on the agenda.

Next steps for this subcommittee were briefly discussed. If there are policy implications, the policy subcommittee could take over some items, but the Short Programs Subcommittee could continue. This will be further discussed at a later meeting.

R. McLeod (UEC chair) formally thanked the subcommittee for their work on this.

**MOTION:**

To accept the recommendations of the Short Programs Subcommittee with the following adjustment:

- "We further recommend that UEC approve the following **recommendations regarding establishing** regulations regarding credentials that draw from the same pool of credits:"

**5. PROGRAMS**

**5.1. Co-operative Education**

Change to program: Co-operative Education program

Most changes to the program are required for external articulation, but it was unclear in the memo exactly which parts of the program are being revised. M. Baumann (Career Centre Director) will revise the memo to better highlight the changes as this moves forward in the approval process.

**MOTION:**

To recommend the approval of the changes to the Co-operative Education

UEC Draft Minutes  
30 Jan 2015

---

program as amended, effective September 2015:

- Admission and continuation requirements: 2. Hold and maintain a Cumulative Grade Point Average...

CARRIED

**5.2. Biology**

Change to program requirements: Biology major and Honours

**MOTION:**

To approve the change to the Biology major and Honours program requirements as presented, effective September 2015.

CARRIED

**5.3. Fine Arts**

Change to program: Bachelor of Fine Arts

**MOTION:**

To approve the change to the Bachelor of Fine Arts reasoning requirement as presented, effective September 2015.

CARRIED

**MOTION:**

To approve the change to the Bachelor of Fine Arts visual literacy requirement as presented, effective September 2015.

CARRIED

**5.4. Graphic and Digital Design**

Change to program requirements: Graphic and Digital Design extended minor and minor

**MOTION:**

To approve the changes to the Graphic and Digital Design extended minor and minor program requirements as presented, effective September 2015.

CARRIED

**5.5. Mathematics and Statistics**

Change to program requirements: Data Analysis Post-degree certificate

**MOTION:**

To approve the changes to the Data Analysis Post-degree certificate as presented, effective September 2015.

CARRIED

**5.6. Political Science**

Change to program requirements: Political Science major

The total lower-level credits should be 18-19, rather than 19, and the sentence at the beginning of the upper-level requirements is redundant and can be removed.

**MOTION:**

To approve the changes to the Political Science major as presented, effective September 2015.

UEC Draft Minutes  
30 Jan 2015

---

CARRIED

Change to program requirements: Political Science minor and extended minor

**MOTION:**

To approve the changes to the Political Science minor and extended minor as presented, effective September 2015.

CARRIED

**5.7. Modern Languages**

Change to program: French minor

**MOTION:**

To approve the change to the French minor as presented, effective September 2015.

CARRIED

New program: Certificate in Extended Studies in Arts: French major

New program: Certificate in Extended Studies in Arts: French extended minor

The French major certificate is primarily intended for students who graduated before the major was available. The extended minor certificate is intended for students who may want to upgrade their current degree, as the subsequent degree policy does not currently provide a way for students to come back and get an additional French credential.

There was some discussion about the original purpose of extended studies certificates, which was to allow students to gain a credential that was not available when they graduated. The proposed French major certificate fits this purpose, but the extended minor certificate does not. Since a rationale for these programs is that students with degrees from elsewhere may be looking to upgrade their degree for teaching purposes, it was suggested that a post-degree certificate within Teacher Education might better fulfill this need. There was also the suggestion that a time limit should be placed on extended studies certificates, allowing students to upgrade only for a set period of time.

There were also concerns about students who had graduated with the French minor coming back for the extended minor certificate, as they would only be required to take two additional courses to receive another credential. B. Traverse (Modern Languages representative) indicated that most students interested in this credential will not already have a French minor, and agreed that students who do could be excluded. A note to that effect will be added.

**MOTION:**

To approve the new Certificate in Extended Studies in Arts: French major as presented.

CARRIED

**MOTION:**

To approve the new Certificate in Extended Studies in Arts: French extended minor as amended:

- Note to be added: "This program is not available to students with an existing

UEC Draft Minutes  
30 Jan 2015

---

French minor; those students should consider the Certificate in Extended Studies in Arts: French Major."

CARRIED

**5.8. Education**

New program/change to Teacher Education Program: Bachelor of Education  
*Appendices available online at [www.ufv.ca/senate/uec/uec-agendas-and-minutes/](http://www.ufv.ca/senate/uec/uec-agendas-and-minutes/)*

The residency requirement has been updated in the program proposal but not in the calendar copy (appendix 3); this will be corrected.

**MOTION:**

To recommend the approval of the new Bachelor of Education degree as presented.

CARRIED

**5.9. Agriculture**

New program: Bachelor of Agricultural Science, Horticulture major

The prerequisites for many of the included GEOG courses will soon be changed to 45 credits, rather than specific courses. Program students may require prerequisite waivers until then.

The residency requirement has been updated in the calendar copy but not in proposal; this will be corrected. Reference to the "representative in the PLAR office" will also be removed.

**MOTION:**

To recommend the approval of the new Bachelor of Agricultural Science and Horticulture major as presented.

CARRIED

**5.10. Applied and Technical Studies**

Name change: Automation and Robotics Technician (formerly Automation and Control Systems Technician)

UEC recommended this program to APPC last month.

**MOTION:**

To recommend that the recently-recommended Automation and Control Systems Technician diploma be changed to Automation and Robotics Technician diploma as presented.

CARRIED

Discipline code change: ELTR (Electronics), formerly EACT (Electronics Automation Control Technician)

**MOTION:**

To approve the creation of the new discipline code ELTR (Electronics) in place of the previously-approved EACT (Electronics Automation Control Technician).

CARRIED

**6. OTHER BUSINESS/DISCUSSION ITEMS**

**6.1. Course Numbering policy (58)**

This item was not discussed; members can send feedback directly to Elaine Harris.

**6.2. Locally developed courses**

This item was postponed.

**6.3. Admissions Subcommittee report and membership**

This item was postponed.

**6.4. Transfer Credit Subcommittee report and membership**

This item was postponed.

**6.5. Policy Subcommittee report and membership**

This item was postponed.

**7. INFORMATION ITEMS**

**7.1. Minor course changes** (outlines will be available at [www.ufv.ca/calendar/courseoutlines](http://www.ufv.ca/calendar/courseoutlines))

EDUC 410, 412, 413, 420, 421, 422, 423, 424, 425, 431, 432, 434A, 434B, 435, 436, 437A, 437B, 435, 436, 437A, 437B, 440, 441, 442, 444, 445, 446, 447, 448, 450, 452, 453, 454, 460, 490, 492, 495A-D, 498

PHYS 100

**8. ADJOURNMENT**

**8.1.** The meeting was adjourned at 12:04 pm.

**Memo for Course Changes**

To: Amanda Grimson, UEC assistant, UEC committee members

From: Seonaigh MacPherson, Adult Education Department Head, and Corinne Richardson, Program Advisor

Date: October 8, 2014

**Subject: Proposal for revision of course outlines for ADED 210, AEDE 310, ADED 330, ADED 407, ADED 430, ADED 446, ADED 471, ADED 472, and ADED 480**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☒ Delivery methods and/or texts and resource materials
- ☒ PLAR options, grading system, and/or evaluation methods

2. Rationale for change:

These courses have been updated to reflect the current learning outcome standards and the new template.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

All of the courses are aligned to the program outcomes.

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

N/A

5. Which program areas have been consulted about the change(s)?

All of the programs within the Faculty of Professional Studies have been consulted.

6. What consideration has been given to indigenizing the curriculum?

Consideration about indigenizing the curriculum to in the individual courses has been given. When possible textbooks or course readings that include this content have been added to the curriculum. In addition, it is standard practice of the program to be inclusive of all cultural perspectives and to emphasis the unique equity and sustainability issues facing Indigenous communities and learners in Canada. Students are encouraged to develop course projects, discuss course materials and share cultural perspectives and relate them to course materials.

7. If this course is not eligible for PLAR, explain why:

ADED 210 is not eligible for PLAR because the course is intended to ensure a common knowledge base for all students in the ADED program.

ADED 471 is not eligible for PLAR because the course represents a personal synthesis informed by the student's coursework in Adult Education and must be supervised by a UFV faculty member.



8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value N/A
  - b. Class size limit N/A
  - c. Frequency of offering N/A
  - d. Resources required (labs, equipment) N/A
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials: \$100.00 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2012  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ADED 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Principles and Practice of Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Principles & Prac of Adult Educ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Introduction to principles and practices of adult education. Provides a common foundation of knowledge to students in ADED and an introduction to adult education to students in other UFV programs.                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> Enrolment in an Adult Education program; students in other degree or diploma programs can contact the department for permission to enter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                    |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td></td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>12</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td>33</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 12 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 33 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Maximum enrolment (for information only):</b> 25<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> annual                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian Hunt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Rosetta Khalideen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Create a personal definition of adult education and its key purposes
- Define key terms in adult education theory and practice (e.g. formal, informal, informal learning, self-directed learning, andragogy)
- Articulate the main concepts associated with the theorized differences between child learning and adult learning
- Describe the settings in which adult education commonly occurs, and locate oneself within those settings as learner and as facilitator of learning
- Describe typical adult education programs and initiatives at the local, provincial, national, and international levels
- Analyze one's own adult education experiences as both a provider of adult education to others and as a recipient of adult education from others, using the theoretical concepts from the readings

## Prior Learning Assessment and Recognition (PLAR)

☐ Yes    ☒ No, PLAR cannot be awarded for this course because the course is intended to ensure a common knowledge base for all students in the ADED program

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, discussions, case and problem analysis, small group work, student presentations.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|    | Author Surname, Initials     | Title (article, book, journal, etc.)                                    | Current Ed.                         | Publisher                        | Year |
|----|------------------------------|-------------------------------------------------------------------------|-------------------------------------|----------------------------------|------|
| 1. | Merriam, S. and Brockett, R. | <i>The Profession and Practice of Adult Education: An Introduction.</i> | <input checked="" type="checkbox"/> | San Francisco: John Wiley & Sons | 2007 |
| 2. |                              |                                                                         | <input type="checkbox"/>            |                                  |      |
| 3. |                              |                                                                         | <input type="checkbox"/>            |                                  |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |         |                   |   |            |      |
|----------------|-----|--------------|---------|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | 90/100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %       | Field experience: | % | Shop work: | %    |
| Other:         | 10% | Other:       | %       | Other:            | % | Total:     | 100% |

### Details (if necessary):

Assignment 1: Online facilitation – 20%  
 Assignment 2: Autobiography of a lifelong learner – 30%  
 Assignment 3: Lifelong learning plan – 10%  
 Assignment 4: Final paper or presentation – 30%  
 Assignment 5: Participation – 10%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

- Week one: Who am I as a lifelong learner?
- Week two: Why do adults learn/not learn?
- Week three: How do adults learn? (differences between child and adult education).
- Week four: Theories of adult learning
- Week five: Domains of adult learning: cognitive, affective and psychomotor
- Week six: What is adult education? (types and providers)
- Week seven: Contexts for adult education (universities, organizations, institutions, communities)
- Week eight: Goals of adult education
- Week nine: Needs assessment and program planning in adult education
- Week ten: Methods and techniques used in adult education
- Week eleven: Evaluation
- Week twelve: Issues in the professionalization of adult education
- Week thirteen: Competing visions for the role of adult education



ORIGINAL COURSE IMPLEMENTATION DATE: Sept.1994  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** ADED 310

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Fundamentals of Adult Education

**Course Short Title:** Fundamentals of Adult Educ

**Faculty:** Faculty of Professional Studies

**Department (or program if no department):** Adult Education

### Calendar Description:

This course surveys the fundamental philosophical and historical roots of adult education, its methods and approaches, its organizations, and issues confronting contemporary adult education practice.

**Prerequisites (or NONE):** One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.

**Corequisites (if applicable, or NONE):**

**Pre/corequisites (if applicable, or NONE):**

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☒ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 45

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              |           |
| Seminars/tutorials/workshops               | 12        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 | 33        |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): annually

**Department / Program Head or Director:** Ian Hunt

**Date approved:**

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Rosetta Khalideen

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

ADED 310

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Understand major concepts and terms used in the field of adult education;
- Outline the historical roots of present-day adult education activities and organizations;
- Critically analyze at least one agency currently active in the field of adult education, internationally, nationally, provincially, or locally;
- Understand the diversity of the adult education enterprise;
- Differentiate among major philosophical approaches apparent in the field of adult education practice;
- Appreciate adults as life-long learners and the circumstances within which they seek to address their learning needs;
- Develop and refine their own values, attitudes, and beliefs with regard to adult learning and education

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Readings, Lectures, Class discussion, Student presentations, Written assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>              | <u>Current Edition</u>              | <u>Publisher</u>                                  | <u>Year<br/>Published</u> |
|-------------------------------------|----------------------------------------------------------|-------------------------------------|---------------------------------------------------|---------------------------|
| 1. Spencer, B. & Lange, E.          | <i>The purposes of adult education: An introduction.</i> | <input checked="" type="checkbox"/> | Toronto:<br>Thompson<br>Educational<br>Publishing | 2014                      |
| 2. .                                |                                                          | <input type="checkbox"/>            |                                                   |                           |
| 3.                                  |                                                          | <input type="checkbox"/>            |                                                   |                           |

## Typical Evaluation Methods and Weighting

|                |   |              |     |                   |     |            |      |
|----------------|---|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | % | Assignments: | 60% | Midterm exam:     | %   | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | % | Other:       | %   | Other:            | 40% | Total:     | 100% |

## Details (if necessary):

Assignment 1: Your current understanding of adult education – 10%

Assignment 2: Reflection – 30%

Assignment 3: Reaction or thought paper – 20%

Assignment 4: Case study – 15%

Assignment 5: Group presentation – 25%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week one: The field and movement of adult education

Week two: Philosophical foundations of adult education

Week three: Historical foundations of adult education

Week four: Social foundations of adult education

Week five: Adult education and the economy

Week six: Transformative adult education

Week seven: Adult education and diversity

Week eight: Adult education and technology

Week nine: Adult education in a global context

Week ten: Adult education methods

Week eleven: Approaches to adult education

Week twelve: Survey of adult education organizations (local, regional, national, international)

Week thirteen: Issues in contemporary adult education practice



ORIGINAL COURSE IMPLEMENTATION DATE: September 1994  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> ADED 330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Course Full Title:</b> Special Topics in Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Course Short Title (if title exceeds 30 characters):</b> Special Topics in Adult Educ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Department (or program if no department):</b> Adult Education |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Calendar Description:</b><br><p>Courses offered under this heading will supplement regular program offerings by examining selected emergent topics. Courses will be offered intermittently, based on availability of faculty, resources, and learner interest. Contact program or refer to published timetables for current offerings</p>                                                                                                                                                                                                                                                                                              |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                                       |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                    |                                                                  | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td></td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>12</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td>33</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td><b>45</b></td> </tr> </table> |                                                                  | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 12 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 33 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input checked="" type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>45</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  | <b>Maximum enrolment (for information only):</b> 25<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> intermittent                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Department / Program Head or Director:</b> Ian Hunt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Dean/Associate VP:</b> Eric Davis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

To be determined on a course by course basis

- Critique selected readings and research on a topic relevant to adult education
- Apply key concepts, principles, processes, research and or theories to the practice of adult education
- Produce a relevant learning artifact that demonstrates competence in the relevant area inquiry

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

To be determined on a course by course basis

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

To be determined on a course by course basis

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.              | Publisher | Year |
|--------------------------|--------------------------------------|--------------------------|-----------|------|
| 1.                       |                                      | <input type="checkbox"/> |           |      |
| 2.                       |                                      | <input type="checkbox"/> |           |      |
| 3.                       |                                      | <input type="checkbox"/> |           |      |
| 4.                       |                                      | <input type="checkbox"/> |           |      |
| 5.                       |                                      | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

To be determined on a course by course basis. Students will be expected to have access to web-based materials as necessary

**Typical Evaluation Methods and Weighting**

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

**Details (if necessary):** To be determined on a course by course basis

It is customary to include significant reading content, critique of readings, and activities aimed at adult education and reading materials in a major course project.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

To be determined on a course by course basis



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2012  
 REVISED COURSE IMPLEMENTATION DATE: Sept. 2014  
 COURSE TO BE REVIEWED: (six years after UEC approval) ~~March 2018~~ 2020  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ADED 407                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Organizational & Workplace Learning<br><b>Course Short Title (if title exceeds 30 characters):</b> Org'l & Workplace Learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Department (or program if no department):</b> Adult Education                                                                                                                                                                                                                                                                                                                                                              |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>Examination of concepts of workplace learning and the learning organization, their meaning, and validity within students' professional and organizational contexts. Emphasis is on collaborative investigation of how concepts are applied within real workplaces, drawing upon students' experiences and case studies.                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Note: Students with credit for ADED 330F cannot take this course for further credit.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>ADED 330F</b><br>Cross-listed with:<br>Equivalent course(s): <b>ADED 330F</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                               |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td></td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: center;">12</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td style="text-align: center;">33</td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Seminars/tutorials/workshops | 12 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 33 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 33        |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Maximum enrolment (for information only):</b> 36<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> annual                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Seonaigh MacPherson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                         |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> February, 2014                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> May 23, 2014                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Rosetta Khalideen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> May 23, 2014                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                       |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |



**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Describe the ideas and models that constitute contemporary organizational and workplace learning.
- Critically analyze and reflect on learning within organizations and workplaces
- Articulate their personal orientation to organizational and workplace learning and assess those orientations through their practice.
- Recommend appropriate learning activities within workplace organizations, at the individual, team, organizational, and community/societal levels.
- Work within a team to develop a consultant's planning guide to workplace learning and the learning organization.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Readings, Presentations, Leading and participating in discussion, Written assignments, Team work, including planning, discussion and feedback

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

|    | Author Surname, Initials | Title (article, book, journal, etc.)       | Current Ed.              | Publisher                 | Year |
|----|--------------------------|--------------------------------------------|--------------------------|---------------------------|------|
| 1. | Spencer, B. & Kelly, J.  | <i>Work and learning: An introduction.</i> | <input type="checkbox"/> | Thompson Educational Pub. | 2013 |
| 2. |                          |                                            | <input type="checkbox"/> |                           |      |
| 3. |                          |                                            | <input type="checkbox"/> |                           |      |
| 4. |                          |                                            | <input type="checkbox"/> |                           |      |
| 5. |                          |                                            | <input type="checkbox"/> |                           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Use this section for supplies and materials for all sections of this course.

**Typical Evaluation Methods and Weighting**

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

**Details (if necessary):**

Weekly Discussions of Paradoxes from Readings (5 x 4%) 20%

Assignment #1: Learning at Apple 10%

Case Study Briefs (5 x 8%) 40%

Consultant Planning Guides for Workplace Learning 30%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week one: Introductions

Week two: HRM vs. ADED Views, Organizational Culture, Organizational Learning

Week three: Learning Organizations, Unions & Cooperatives

Week four: Learning Across the Work/School Divide

Week five: Apprenticeship & Mentorship Learning

Week six: Learning Intercultural & Soft Skills

Week seven: Identity & Difference in Workplace Learning

Week eight: Assessing Performance, Skills, & Training Needs

Week nine: OECD-PIAAC Results & the Essential Skills

Week ten: Designing Workplace Learning Activities

Week eleven: Transfer of Learning

Week twelve: Planning Organizational & Workplace Learning

Week thirteen: Present Consultant Planning Guides



ORIGINAL COURSE IMPLEMENTATION DATE: November 1994  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ADED 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Leadership in Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><br>Leadership in adult education: working with colleagues to influence positive change in institutions, community and not-for-profit agencies, workplaces, and private consulting, using appreciative inquiry to focus on critical thinking and analysis in the context of practice.                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                    |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td></td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>12</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td>33</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 12 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 33 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Maximum enrolment (for information only):</b> 25<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> intermittent                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian Hunt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Rosetta Khalideen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Discuss and critically examine assumptions and beliefs about leadership
- Explain the concepts, principles, theories & approaches related to positive leadership in adult education organizations
- Apply the skills and knowledge needed to responsibly lead adult education organizations, working with colleagues in a positive way toward common goals, at an advanced beginner-proficient level
- Articulate their personal leadership philosophy, reflecting on current values, attitudes, beliefs, understandings and practices
- Integrate course concepts and theories with personal experience and practice
- Describe the process and recognize the possibilities inherent in Appreciative Inquiry, reflecting on their application to all facets of adult education

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Large and small group discussion, mini-lectures, participant-led seminars, guest speakers, community research, written assignments and participant presentations

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|    | Author Surname, Initials         | Title (article, book, journal, etc.)                                           | Current Ed.                         | Publisher                  | Year |
|----|----------------------------------|--------------------------------------------------------------------------------|-------------------------------------|----------------------------|------|
| 1. | Cockell, J. & McArthur-Blair, J. | <i>Appreciative inquiry in higher education: A transformative force.</i>       | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2012 |
| 2. | Vasan, N. & Przybylo, J.         | <i>Do good well: Your guide to leadership, action &amp; social innovation.</i> | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2013 |
| 3. | Wheeler, D.                      | <i>Servant leadership for higher education: Principles and practices</i>       | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2012 |
| 4. | Bollman, L.G. & Gallos, J.V.     | <i>Reframing academic leadership.</i>                                          | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2011 |
| 5. |                                  |                                                                                | <input type="checkbox"/>            |                            |      |

## Typical Evaluation Methods and Weighting

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

### Details (if necessary):

Assignment 1: Your current thinking about the course topic – 10%

Assignment 2: Reflective assignment – 30%

Assignment 3: Reaction or thought paper – 25%

Assignment 4: Online facilitation or presentation – 25%

Assignment 5: Professional development plan – 10%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week one: What is leadership?

Week two: Exploration of leadership concepts and models

Week three: What is appreciative inquiry?

Week four: Adult educators as appreciative inquiry practitioners

Week five: Supporting teaching and learning using appreciative inquiry

Week six: Leadership, possibility and appreciative inquiry

Week seven: Leadership vision, methods, tools

Week eight: Increasing impact

Week nine: Building relationships

Week ten: Working with collaborative teams and groups

Week eleven: Valuing and sustaining success

Week twelve: Engaging in shared dialogue and reflecting on practice

Week thirteen: Leadership and the future of adult education



ORIGINAL COURSE IMPLEMENTATION DATE:

Fall 1994

REVISED COURSE IMPLEMENTATION DATE:

Sept. 2013-Sept. 2014

COURSE TO BE REVIEWED: (six years after UEC approval)

March 2018-Sept 2020

Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: ADED 446

Number of Credits: 3 [Course credit policy \(105\)](#)

Course Full Title: Community-based Adult Education Methods

Course Short Title (if title exceeds 30 characters): Community-based ADED Methods

Faculty: Faculty of Professional Studies

Department (or program if no department): Adult Education

### Calendar Description:

Use an adult learning approach to explore creative, multi-media, and digital methods to work with community groups, non-profits, community education, etc. Emphasis is on practical application and exploration of non-traditional adult education methods as a means of community development

**Prerequisites (or NONE):** One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.

**Corequisites (if applicable, or NONE):**

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (if yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☒ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              |           |
| Seminars/tutorials/workshops               | 12        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 | 33        |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes, different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

Note: The specific topic will be recorded when offered.

**Maximum enrolment (for information only): 25**

**Expected frequency of course offerings (every semester, annually, every other year, etc.):** every other year

Department / Program Head or Director: Ian Hunt

Date approved:

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Rosetta Khalideen

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe the philosophical foundations and issues implied in the non-traditional methods studied
- Explain at least six non-traditional methods used in adult education in terms of their historical roots, their application in local and international settings, their purposes, their practical operation, and their learning outcomes
- Plan and evaluate the use of a non-traditional method in an adult educational program addressing a local community concern
- Plan, lead, and evaluate educational activities at an advanced level
- Articulate their personal value position regarding the use of non-traditional methods in adult education.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Readings, Discussions, Group discussions, Student demonstrations, Lectures, Written projects, Guest speakers, online presentations

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|    | Author Surname, Initials              | Title (article, book, journal, etc.)                                                                                                                             | Current Ed.                         | Publisher                  | Year |
|----|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------|------|
| 1. | Brookfield, S.D. & Holst, J.D.        | <i>Radicalizing learning: Adult education for a just world</i>                                                                                                   | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2010 |
| 2. | Weil Davis, S. & Roswell, B.S. (eds.) | <i>Turning teaching inside out: A pedagogy of transformation for community-based education</i>                                                                   | <input checked="" type="checkbox"/> | Palgrave Macmillan         | 2013 |
| 3. | Reed, S.C. & Marienau, C. (eds.)      | <i>Linking adults with community: Promoting civic engagement through community based learning. New Directions for Adult and Continuing Education, Number 118</i> | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass | 2008 |
| 4. |                                       |                                                                                                                                                                  | <input type="checkbox"/>            |                            |      |
| 5. |                                       |                                                                                                                                                                  | <input type="checkbox"/>            |                            |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

### Details (if necessary):

Assignment one: Your current thinking about course topic – 10%

Assignment two: Reflective paper – 25%

Assignment three: Reaction or thought paper – 20%

Assignment four: Case study – 25%

Assignment five: Personal position paper regarding the use of non-traditional methods in adult education – 20%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week one: Overview of the course, identification of key concepts and challenges

Week two: What is community-based adult education? Non-traditional adult education?

Week three: The learners in community-based/non-traditional adult education

Week four: Social purposes & goals of community-based/non-traditional adult education

Week five: Exploration of community concerns addressed with community-based adult

Week six: education Philosophical foundations and issues implied in use of non-traditional methods

Week seven: Community-based adult education partnerships to strengthen communities, promote change, enliven democracy

Week eight: Non-traditional methods of adult education – historical roots and applications

Week nine: Non-traditional methods of adult education - purposes, practical application and learning outcomes

Week ten: Design of community-based adult education

Week eleven: Evaluation of non-traditional methods of adult education

Week twelve: Practicing skills in community-based adult education methods and designs

Week thirteen: Reflection, closure and farewell



ORIGINAL COURSE IMPLEMENTATION DATE: May 2005  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|--------------------------------------------------------|----|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> ADED 471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Course Full Title:</b> Synthesis Project in Adult Education II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Adult Educ Synthesis Proj II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Faculty:</b> Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Department (or program if no department):</b> Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Calendar Description:</b><br><br>This course represents a concurrent or consecutive expansion/enhancement of work undertaken in ADED 470. This course would be undertaken subject to faculty availability.                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> ADED 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                 |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td></td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours: Supervised self-directed learning</td><td>45</td></tr> <tr><td><b>Total</b></td><td><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: Supervised self-directed learning | 45 | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 10<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> each semester |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Other contact hours: Supervised self-directed learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Department / Program Head or Director:</b> Ian Hunt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Dean/Associate VP:</b> Rosetta Khalideen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |  |                  |  |                        |  |                                            |  |                            |  |                                                        |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Review valet sources and theories relevant to students' specific field of adult educational practice
- Synthesize concepts, philosophies, knowledge and skills of adult education as applied to student's specific field of practice.
- Prepare a significant written or applied project demonstrating a mastery of a student's specific field of adult education practice.

Specific objectives to be determined in individual Student Learning Contract.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because the course represents a personal synthesis informed by the student's coursework in Adult Education, and must be supervised by a UFV faculty member.

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

To be determined by individual Student Learning Contract

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.)                     | Current Ed.              | Publisher | Year |
|--------------------------|----------------------------------------------------------|--------------------------|-----------|------|
| 1.                       | To be determined by individual Student Learning Contract | <input type="checkbox"/> |           |      |
| 2.                       |                                                          | <input type="checkbox"/> |           |      |
| 3.                       |                                                          | <input type="checkbox"/> |           |      |
| 4.                       |                                                          | <input type="checkbox"/> |           |      |
| 5.                       |                                                          | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Use this section for supplies and materials for all sections of this course.

**Typical Evaluation Methods and Weighting**

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

**Details (if necessary):** To be determined by individual Student Learning ContTypically students would engage in a relavent literature review and complete a final project in a self directed program of inquiry. **Grading system:** Letter Grades: ☐ Credit/No Credit: ☒ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

To be determined by individual Student Learning Contract.



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2013  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: ADED 472                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | Number of Credits: 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Course Full Title: Reflective Practice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Course Short Title (if title exceeds 30 characters): Reflective Practice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Faculty: Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | Department (or program if no department): Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Use UFV's ILOs and specified program outcomes to design an integrative summative self-assessment for professional identity formation and for professional recognition. Emphasis is on recognizing, applying, and reflecting on prior and concurrent learning represented in appropriate formats.                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Note: Students with credit for 330M cannot take this course for further credit.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>ADED 330M</b><br>Cross-listed with:<br>Equivalent course(s): <b>ADED 330M</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture hours</td> <td></td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>15</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td>30</td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 30 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Maximum enrolment (for information only): 25</b><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> every other year                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Department / Program Head or Director: Ian Hunt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | Date of posting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |



ADED 472

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 3

Dean/Associate VP: Rosetta Khalideen

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Apply institutional and program learning outcomes to represent prior and concurrent learning
- Self-assess personal, educational and professional learning experiences in with reference to appropriate performance indicators
- Integrate learning experiences in a holistic narrative or alternative mode of communication
- Represent these learning experiences in an accessible and professionally meaningful format such as a professional portfolio
- ~~Contemplate~~ Map the trajectory of their personal lifelong learning journey and develop a vision for continuing professional development

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Guest speakers, presentations, discussions, small group work, self-directed learning.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|                             | Author Surname, Initials             | Title (article, book, journal, etc.)                                                       | Current Ed.                         | Publisher                                  | Year |
|-----------------------------|--------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------|------|
| 1.                          | Forde, C., McMahon, M., & Reeves, J. | <i>Putting together professional portfolios</i>                                            | <input checked="" type="checkbox"/> | London: Sage Publications                  | 2009 |
| 2.                          | Hartnell-Young, E. & Morriss, M.     | <i>Digital portfolios: Powerful tools for promoting professional growth and reflection</i> | <input checked="" type="checkbox"/> | Thousand Oaks, CA: Corwin Press, Sage Pub. | 2007 |
| <input type="checkbox"/> 3. | Shadiow, L.K.                        | <i>What our stories teach us: A guide to critical reflection for college faculty</i>       | <input checked="" type="checkbox"/> | San Francisco: Jossey-Bass                 | 2013 |
| 4.                          |                                      |                                                                                            | <input type="checkbox"/>            |                                            |      |
| 5.                          |                                      |                                                                                            | <input type="checkbox"/>            |                                            |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

### Details (if necessary):

Assignment one: Reflections on and articulation of prior learning – 20%

Assignment two: Link institutional and program learning outcomes to prior learning – 15%

Assignment three: Self-assessment of learning experiences – 25%

Assignment four: Presentation of lifelong learning experiences in an appropriate narrative format – 25%

Assignment five: Vision for continuing professional development – 15%

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

- Module 1: Review institutional, program and other relevant outcomes and competencies
- Module 2: Identify and align relevant learning experiences
- Module 3: Group and integrate learning experiences to develop a holistic narrative (or an alternative mode of communication)

- Module 4: Create an accessible and professionally meaningful representation of these experiences
- Module 5: Articulate and present a reflection on the implications for visions of continuing professional development



ORIGINAL COURSE IMPLEMENTATION DATE: September 1994  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|----|----------------------|--|--------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: ADED 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | Number of Credits: 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Course Full Title: Seminar in Adult Education Issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Course Short Title (if title exceeds 30 characters): Seminar in Adult Educ Issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Faculty: Faculty of Professional Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | Department (or program if no department): Adult Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Calendar Description:</b><br>Opportunities to address emerging issues or areas of controversy in adult education practice and/or study in a seminar format. Offerings will depend on faculty availability, trends in the field, and learner interest. Contact program or published timetables for current availability.                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Prerequisites (or NONE):</b> One of the following: (30-university-level credits) or (enrolment in an Adult Education program) or (permission of the Adult Education department). Note: Students who do not have 30 university-level credits will need to contact the Adult Education program advisor for permission to register.                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                             |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td></td></tr> <tr><td>Seminars/tutorials/workshops</td><td>12</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td>33</td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 12 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 33 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input checked="" type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 33        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only): 25</b><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Intermittent                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Department / Program Head or Director: Don Chapman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | Date of posting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Dean/Associate VP: Eric Davis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | Date of meeting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                              |    |                  |  |                        |  |                                            |  |                            |    |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

To be determined on a course by course basis but will include minimally the following:

- Conduct a scholarly literature review of the specific area of inquiry in adult education
- Explain the complex characteristics and conditions affecting the specific area of adult education
- Produce a relevant learning artifact that demonstrates mastery in the relevant area inquiry

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

To be determined on a course by course basis

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.)          | Current Ed.              | Publisher | Year |
|--------------------------|-----------------------------------------------|--------------------------|-----------|------|
| 1.                       | To be determined on a course by course basis. | <input type="checkbox"/> |           |      |
| 2.                       |                                               | <input type="checkbox"/> |           |      |
| 3.                       |                                               | <input type="checkbox"/> |           |      |
| 4.                       |                                               | <input type="checkbox"/> |           |      |
| 5.                       |                                               | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

To be determined on a course by course basis

**Typical Evaluation Methods and Weighting**

|                |   |              |      |                   |   |            |      |
|----------------|---|--------------|------|-------------------|---|------------|------|
| Final exam:    | % | Assignments: | 100% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | % | Lab work:    | %    | Field experience: | % | Shop work: | %    |
| Other:         | % | Other:       | %    | Other:            | % | Total:     | 100% |

**Details (if necessary):** To be determined on a course by course basis

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

To be determined on a course by course basis

**From:** Amanda Grimson  
**Sent:** Wednesday, January 21, 2015 2:38 PM  
**To:** cwconsult  
**Cc:** Kelli Graham; Jamie Ubell  
**Subject:** Heavy Mechanical | Program Changes

Please reply all with CWC comments on the attached.

This proposal includes a name change to the program (from Heavy Duty/Commercial Transport to Heavy Mechanical Foundation) and 15 new course outlines: HMF 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180. The UEC Screening Subcommittee has reviewed these and has the following comments, which should be addressed prior to UEC.

General comments:

- The proposal indicates that 70% is required for each course. Should this be 70% on each **component** in each course, such as exams? Is there a minimum exam grade?

*No, the grade needs to be 70 % average for all of the components of each course. This allows for students that may be weak on the theory to pick up grades on some practical skills. The grades required in industry are not just reflective of theory skills, but of experience on the shop floor level as well as report writing and record keeping*

- Maximum enrollment for courses is listed as 20, but the program's capacity is 18? Is this correct?

*It is 20. It has been changed in the proposal*

- Hours given on the course outlines do not match the chart earlier in the proposal (i.e. both HMF 125 and 130 indicate 60 hours, but the course outlines are 52 and 56 hours, respectively). Is an update required?

*The official student/instructor contact hours in the official undergraduate course outline form is correct. The difference in hours shown on the HMF program changes page is to reflect four hours per week that the student uses for study time. This difference is to adhere to the ITA program times of 30 hours per week and 1080 hours total for the Heavy Mechanical Trades Foundation program*

- A reason must be given for why PLAR will not be granted on each course outline.

*This has been changed. PLAR will be granted in each course*

- Multiple verbs in the learning outcomes (such as "prepare and practice", "select and assemble") should be looked at to see if all/both verbs need to be included, or if one can be selected.

*Yes, they all need to be included. This wording was done with consultation with Maureen McKinnon, and best describes the actual learning environment.*

HMF 110:

- Is there some over-capitalization in the calendar description? (Heavy Mechanical, Fire Hazards, etc.)

*Changed*

HMF 125:

- Over-capitalization in calendar description (Oxy-Fuel, Identify and Demonstrate Electrodes).

*Changed*

- Learning outcome #1: suggest "Explain in detail the risks..." rather than "Establish a deep understanding of the risks..."

*Changed*

HMF 130:

- Learning outcome #4: delete “with”.

*Changed*

HMF 135:

- Over-capitalization in calendar description.

*Changed*

- Typo in learning outcome #2: should be “of” rather than “or”

*Changed*

HMF 175:

- Calendar description sentences should be joined into one.

*Changed*

- Learning outcome #6, “Identify 3-point hitches”: will students need to do anything else with them, or just identify?

*This is just an identify learning task. Nothing further to be done*

HMF 180:

- Over-capitalization in calendar description.

*Changed*

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** August 18, 2014

**Subject:** HMF 110 Safe Work Practices

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 110: Safe Work Practices

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 110 is the first of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

## **B. Budget and Learning Outcome Issues**

### **1. How does your course address the UFV Learning Outcomes?**

HMF 110 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders,

while developing solutions to problems. Working on their own as well as in groups cooperatively. The program provides an inclusive learning environment that acknowledges and recognizes the diverse backgrounds of students. Demonstrating respectful and environmental practices to better the community and Heavy Mechanical Repair industry.

- 2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

- 3. What consideration has been given to indigenizing the curriculum?**

None

- 4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. **Credit Value** = No effect on budget
- b. **Class Size Limit** = No effect on budget
- c. **Frequency of offering** = No effect on budget
- d. **Resources required** = No effect on budget

- 5. If this course is not eligible for PLAR, explain why**

N/A

- 6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

- 7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$185
- Personal Protective Equipment: \$300





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 1 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Safe Work Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>This course is an introduction to the proper and safe work practices, procedures, and regulations used in the heavy mechanical trades. Students will gain the knowledge and ability to identify occupational health and safety regulations and the Workplace Hazardous Materials Information System WHMIS. Students will also learn to identify fire hazards and suppression equipment, as well as proper lifting and bending procedures.</p>                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 26</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td>16</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td>10</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>26</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 10 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>26</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>26</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

HMF 110

## Learning Outcomes

- Interpret WHMIS and OHS processes and regulations
- Employ correct bending and lifting methods to prevent personal injury
- Prepare and practice fire safety regulations and equipment

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2. WorkSafe BC           | WHMIS Participant Workbook           | <input checked="" type="checkbox"/> | WorkSafe BC    | 2001 |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 70% | Assignments: | 20% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Safety: 14 hours

WHMIS: 6 hours

OHS: 6 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 18, 2014

**Subject:** HMF 115 Tools and Materials

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 115: Tools and Materials

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 115 is the second of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 120 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$180
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: HMF 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | Number of Credits: 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Course Full Title: Tools and Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Course Short Title (if title exceeds 30 characters):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Faculty: Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | Department (or program if no department): Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will familiarize students with basic hand tools, measuring tools, shop tools, and equipment used in industry. It will allow students to gain skills using these tools to better prepare them for their careers. It will also discuss and study different types of fasteners, fittings, pipe, and tubing, as well as engine oils, grease, and coolants.                                                                                                                                                                                                                                                                                                                    |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Prerequisites (or NONE): Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Corequisites (if applicable, or NONE): None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Pre/corequisites (if applicable, or NONE): None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                |            | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 104</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">32</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">72</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>104</b></td></tr> </table> |            | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32 | Seminars/tutorials/workshops |  | Laboratory hours | 72 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>104</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 72         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>104</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Department / Program Head or Director: Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | Date approved: October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | Date of posting: January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | Date approved: October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Dean/Associate VP: John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | Date approved: October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | Date of meeting: February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 115

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Explain hand tools, measuring tools, shop tools and shop equipment
- Demonstrate proper usage of hand tools, measuring tools, shop tools and shop equipment
- Identify fasteners, fittings, pipe and tubing
- Assemble fasteners, fittings, pipe and tubing
- Differentiate engine oil, grease and coolant
- Prescribe engine oil, grease and coolant usage to ensure minimum environmental impact

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2.                       |                                      |                                     |                |      |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Personal Protective Equipment, Pencil & Paper, Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 45% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

Tools and Equipment: 43 hours

Fasteners and Fittings: 26 hours

Oils, Coolant, and Lubricants: 20 hours

Measuring Tools: 15 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 18, 2014

**Subject:** HMF 120 Operate Equipment

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 120: Operate Equipment

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 120 is the third of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 120 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$215
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Operate Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>This course will familiarize students with the start, stop, and operational procedures in regards to heavy equipment and trucks. It also covers the safety and pre-trip inspections on equipment as well as the operation and certification in Class 1, 4, and 5 Lift Trucks. Lifting, hoisting, jacking and blocking equipment is trained as well as the safe use of slings, chains, and rope. The course also covers the design and safety maintenance aspects for ROPS, FOPS, and cab structures.</p>                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 52</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td>16</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td>36</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>52</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 36 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>52</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>52</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

HMF 120

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Demonstrate proper starting and stopping of trucks and heavy equipment
- Differentiate between jack stands, blocking and hydraulic jacks to safely support loads from below
- Differentiate between slings, chains and wire rope to safely lift loads
- Operate hoists safely
- Demonstrate a pre-shift inspection on trucks, heavy equipment and lift trucks
- Identify ROPS, FOPS, and cab structures

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.)          | Current Ed.                         | Publisher      | Year |
|--------------------------|-----------------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"              | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2. Ives                  | Counterbalanced Lift Truck Operators Workbook | X                                   | Ives           |      |
| 3.                       |                                               | <input type="checkbox"/>            |                |      |
| 4.                       |                                               | <input type="checkbox"/>            |                |      |
| 5.                       |                                               | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper, Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 60% | Assignments: | 30% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Start, Stop and Operate Equipment: 22 hours

Lifting, Slings, Hoisting, Jacking and Blocking loads: 22 hours

ROPS, FOPS and Cab Structures: 8 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 18, 2014

**Subject:** HMF 125 Cutting and Welding

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 125: Cutting and Welding

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 125 is the fourth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 125 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$215
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|---|------------------------|----|--------------------------------------------|--|----------------------------|--|----------------------|----|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Cutting and Welding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>This course will train students in the safe set-up and operation of oxy-fuel bottle, regulators, and tips. It also covers the basics of brazing, soldering, and flame cutting metals. Students will also identify and demonstrate electrodes and SMAW welding procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 56</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">20</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">6</td></tr> <tr><td>Field experience hours</td><td style="text-align: right;">20</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td style="text-align: right;">10</td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>56</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20 | Seminars/tutorials/workshops |  | Laboratory hours | 6 | Field experience hours | 20 | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: | 10 | <b>Total</b> | <b>56</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>56</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |   |                        |    |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

HMF 125

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Explain in details the risks involved in operating tools with abrasive discs and oxy/fuel set-ups
- Differentiate between metals and their properties to effectively weld
- Assemble oxy/fuel components to ensure safe operation
- Operate oxy/fuel set-up to braze, weld and flame-cut metals
- Weld using SMAW equipment and processes
- Weld using GMAW equipment and processes
- Explain CAC equipment and processes

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2.                       |                                      | <input type="checkbox"/>            |                |      |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 50% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

Oxy-Fuel Equipment and Operation: 36 hours

SMAW Equipment and Operation: 20 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray **From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 130 Task Management, Resources and Record Keeping

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 130: Task Management, Resources and Record Keeping

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program. HMF 130 is the fifth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 130 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$430
- Personal Protective Equipment: \$300





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> HMF 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              | <b>Number of Credits:</b> 1 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Full Title:</b> Task Management, Resources, and Record Keeping<br><b>Course Short Title (if title exceeds 30 characters):</b> Task Mgmt Resorc Rcrd Keep                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Department (or program if no department):</b> Heavy Mechanical Foundation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calendar Description:</b><br>This course will train students in use of service manuals, parts manuals, and online service information. Career choices and industry regulations will be covered along with basic computer skills                                                                                                                                                                                                                                                                                                                                                     |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                 |                                                                              | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total Hours: 26</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td>16</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td>10</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td><b>Total</b></td><td><b>26</b></td></tr> </table> |                                                                              | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 10 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>26</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>26</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

HMF 130

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Document various business processes such as work orders, parts requisitions and purchase orders
- Develop skills to write effective reports
- Employ research skills to collect data from various sources
- Identify the concepts, opportunities and challenges of a career in the Heavy Mechanical Trades

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2. Bennett               | Heavy Duty Truck Systems             | X                                   | Delmar         | 2011 |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 45% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Use Shop Resources: 12 hours

Basic Computer Skills: 8 hours

Prepare for Employment: 6 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 135 Tires, Wheels, Bearings and Seals

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 135: Tires, Wheels, Bearings and Seals

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 135 is the sixth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 135 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$430
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Tires, Wheels Bearings, and Seals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will train students in the design and operation of tires, wheels, bearings, and seals. Students will identify and service tires, wheels, bearings, and seals as well as perform failure analysis on selected equipment. The design and operation of belts and chains will also be covered.                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 52</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">16</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">36</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>52</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 36 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>52</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 36        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>52</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 135

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Differentiate tire/wheel and bearing/seal construction, design, purpose and ratings
- Demonstrate removal and installation of tires, wheels, bearings and seals
- Select the appropriate belts and chains for specific applications
- Service cabs, bodies and related components

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "A"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2. Bennett               | Heavy Duty Truck Systems             | X                                   | Delmar         | 2011 |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 50% | Assignments: | 40% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

Tires, Wheels, Bearings, and Seals: 39 hours

Belts and Chains: 13 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 140 Electrical

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 140: Electrical

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 140 is the seventh of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 140 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$250
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> HMF 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Number of Credits:</b> 5 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Full Title:</b> Electrical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Department (or program if no department):</b> Heavy Mechanical Foundation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calendar Description:</b><br>This course will train students in the theory of electricity, focusing on 12 and 24 volt DC circuits used in trucks and heavy equipment. Students will learn to use test equipment and service various electrical components on vehicles.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total Hours: 130</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">40</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">90</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>130</b></td> </tr> </table> |                                                                              | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40 | Seminars/tutorials/workshops |  | Laboratory hours | 90 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>130</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 90                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>130</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                              | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

HMF 140

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify electrical components and circuits
- Operate electrical test equipment safely and effectively
- Service electrical components
- Diagnose wiring, cranking and charging system performance
- Rebuild cranking motors to ensure correct operation

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.              | Publisher | Year |
|--------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | X                        | Delmar    | 2011 |
| 2.                       |                                      |                          |           |      |
| 3.                       |                                      | <input type="checkbox"/> |           |      |
| 4.                       |                                      | <input type="checkbox"/> |           |      |
| 5.                       |                                      | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 45% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

Electrical Theory: 20 hours

Electrical Components: 60 hours

Test Equipment: 25 hours

Diagnose Electrical Circuits: 25 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 145 Brakes

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 145: Brakes

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 145 is the eighth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 145 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. **Credit Value** = No effect on budget
- b. **Class Size Limit** = No effect on budget
- c. **Frequency of offering** = No effect on budget
- d. **Resources required** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$430
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Brakes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will train students in the theory and operation of manual brakes, power brakes, and air brakes. Both disc and drum brakes will be covered, as well as air brake components. Students will disassemble and repair all types of brakes, including bleeding and diagnosis of air brake symptoms.                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 78</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">28</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">50</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>78</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28 | Seminars/tutorials/workshops |  | Laboratory hours | 50 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>78</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>78</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 145

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Service air and hydraulic brake systems.
- Diagnose air and hydraulic brake systems.
- Repair hydraulic brake systems.
- Diagnose hydraulic assisted power brake systems.
- Repair hydraulic assisted power brake systems.
- Describe hydraulic anti-lock braking (ABS) systems.
- Diagnose hydraulic anti-lock braking (ABS) systems.
- Describe the principles of foundation air brakes
- Describe the principles of pneumatics.
- Describe air brake schedules and components.
- Repair a wheel brake assembly.
- Perform a pre-trip inspection.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.              | Publisher | Year |
|--------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | X                        | Delmar    | 2011 |
| 2. Bennett               | Heavy Equipment Systems              | X                        | Delmar    | 2013 |
| 3.                       |                                      | <input type="checkbox"/> |           |      |
| 4.                       |                                      | <input type="checkbox"/> |           |      |
| 5.                       |                                      | <input type="checkbox"/> |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 45% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Brake Theory: 20 hours

Brake Components and Repair: 43 hours

Testing Brake Systems: 15 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 150 Hydraulics

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 150: Hydraulics

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 150 is the ninth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 150 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$205
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Hydraulics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will train students in the theory and operation of modern hydraulic components and systems. Students will disassemble and inspect hydraulic actuators, pumps, and motors; remove and replace components on machinery; service hydraulic systems; and inspect and build hydraulic hoses.                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 78</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">28</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">50</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>78</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28 | Seminars/tutorials/workshops |  | Laboratory hours | 50 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>78</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>78</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 150

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe the principles of hydraulics.
- Describe the basic components of a hydraulic system.
- Describe the types of hydraulic systems.
- Repair selected hydraulic components.
- Select hydraulic fluids for applications.
- Select and assemble hydraulic hoses and fittings.
- Demonstrate safe work procedures for hydraulic systems service.
- Perform scheduled maintenance on hydraulic systems.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher      | Year |
|--------------------------|--------------------------------------|-------------------------------------|----------------|------|
| 1. ITABC                 | Heavy Mechanical Trades Line "C"     | <input checked="" type="checkbox"/> | Queens Printer | 2013 |
| 2. Bennett               | Heavy Equipment Systems              | X                                   | Delmar         | 2013 |
| 3.                       |                                      | <input type="checkbox"/>            |                |      |
| 4.                       |                                      | <input type="checkbox"/>            |                |      |
| 5.                       |                                      | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 45% | Assignments: | 45% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Component Theory: 20 hours

Hydraulic Components and Repair: 43 hours

Testing Hydraulic Systems: 15 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 155 Steering and Suspension

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 155: Steering and Suspension

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 155 is the tenth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 155 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$430
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Steering and Suspension<br><b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will train students in the operation and repair of truck and off-highway equipment suspension and steering systems. Topics include leaf spring, torsion, and pneumatic suspension systems, as well as steering geometry and alignment factors.                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                             |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 52</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">16</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">36</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>52</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 36 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>52</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>52</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 155

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe steering systems.
- Service steering systems.
- Replace selected steering system components.
- Describe suspension systems.
- Diagnose and repair suspension systems.
- Replace selected suspension system components.
- Perform basic alignment

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher | Year |
|--------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | <input checked="" type="checkbox"/> | Delmar    | 2011 |
| 2. Bennett               | Heavy Equipment Systems              | X                                   | Delmar    | 2013 |
| 3.                       |                                      | <input type="checkbox"/>            |           |      |
| 4.                       |                                      | <input type="checkbox"/>            |           |      |
| 5.                       |                                      | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 50% | Assignments: | 40% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Suspension and Steering Theory: 15 hours

Service and Repair Suspension and Steering: 26 hours

Alignment: 11 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 160 Trailers and Components

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 160: Trailers and Components

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 160 is the eleventh of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 160 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. **Credit Value** = No effect on budget
- b. **Class Size Limit** = No effect on budget
- c. **Frequency of offering** = No effect on budget
- d. **Resources required** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$250
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 1 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Trailers and Components<br><b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>This course will train students in the operation, maintenance, repair, and inspection of on-highway transport trailers. Topics include fifth wheel and coupling devices, landing gear, body components, and lift gates. Pre-shift trailer inspections will also be covered.                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                             |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 26</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">14</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">12</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>26</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 14 | Seminars/tutorials/workshops |  | Laboratory hours | 12 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>26</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>26</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 160

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify trailer components and systems
- Identify coupling devices, landing gear and trailer body components
- Service coupling devices, landing gear and trailer body components
- Perform transport trailer inspections

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher | Year |
|--------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | <input checked="" type="checkbox"/> | Delmar    | 2011 |
| 2.                       |                                      |                                     |           |      |
| 3.                       |                                      | <input type="checkbox"/>            |           |      |
| 4.                       |                                      | <input type="checkbox"/>            |           |      |
| 5.                       |                                      | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 60% | Assignments: | 30% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Trailer System Theory: 14 hours

Service and Repair Trailer Systems: 12 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 165 Heating, Ventilation & Air Conditioning

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 165: Heating, Ventilation & Air Conditioning

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 165 is the twelfth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 165 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$250
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 1 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Heating, Ventilation, and Air Conditioning<br><b>Course Short Title (if title exceeds 30 characters):</b> HVAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>In this course students will learn the theory and operation of heating and air-conditioning systems (HVAC). The course will describe the impact of CFCs (chlorofluorocarbons) on the environment. Both cabin air conditioning and trailer refrigeration units will be covered.                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                             |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 26</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">14</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">12</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>26</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 14 | Seminars/tutorials/workshops |  | Laboratory hours | 12 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>26</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>26</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

HMF 165

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify heating and air conditioning components.
- Describe the construction and operation of heating and air conditioning systems.
- Describe the impact of CFCs on the environment.
- Apply legislated procedures when dealing with systems containing CFCs.
- Service heating and air conditioning systems.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

**Typical Text(s) and Resource Materials** (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher | Year |
|--------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | <input checked="" type="checkbox"/> | Delmar    | 2011 |
| 2.                       |                                      |                                     |           |      |
| 3.                       |                                      | <input type="checkbox"/>            |           |      |
| 4.                       |                                      | <input type="checkbox"/>            |           |      |
| 5.                       |                                      | <input type="checkbox"/>            |           |      |

**Required Additional Supplies and Materials** (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 50% | Assignments: | 40% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

HVAC Theory: 14 hours

Service and Repair HVAC Systems: 12 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 170 Drivetrains

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 170: Drivetrains

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 170 is the Thirteenth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 170 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$430
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HMF 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Drivetrains                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Department (or program if no department):</b> Heavy Mechanical Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Calendar Description:</b><br>In this course students will learn the theory and operation of drivetrain related components. Topics include clutches, manual transmissions, automatic transmissions, powershift transmissions, drivelines, differentials, and final drives. Students will identify, service, and maintain these components.                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 78</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">26</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">52</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>78</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 26 | Seminars/tutorials/workshops |  | Laboratory hours | 52 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>78</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 26        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 52        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>78</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

HMF 170

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify clutches, manual transmissions, torque converters and dividers, powershift and automatic transmissions, drivelines, axles, differentials, final drives and related components.
- Describe the theory of operation for clutches, manual transmissions, torque converters and dividers, powershift and automatic transmissions, drivelines, axles, differentials, final drives and related components.
- Service clutches, manual transmissions, torque converters and dividers, powershift and automatic transmissions, drivelines, axles, differentials, final drives and related components.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.                         | Publisher | Year |
|--------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. Bennett               | Heavy Duty Truck Systems             | <input checked="" type="checkbox"/> | Delmar    | 2011 |
| 2. Bennett               | Heavy Equipment Systems              | <input checked="" type="checkbox"/> | Delmar    | 2013 |
| 3.                       |                                      | <input type="checkbox"/>            |           |      |
| 4.                       |                                      | <input type="checkbox"/>            |           |      |
| 5.                       |                                      | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 50% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Component Theory: 26 hours

Service and Maintain Systems: 52 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 175 Tracks and Undercarriage

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 175: Tracks and Undercarriage

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 175 is the Fourteenth of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 175 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. *Credit Value* = No effect on budget
- b. *Class Size Limit* = No effect on budget
- c. *Frequency of offering* = No effect on budget
- d. *Resources required* = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$180
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> HMF 175                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              | <b>Number of Credits:</b> 2 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Full Title:</b> Tracks and Undercarriage<br><b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Department (or program if no department):</b> Heavy Mechanical Foundation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calendar Description:</b><br>In this course students will learn the theory and operation of tracks and undercarriage components, as well as describe the theory of track steering, winches, attachments, and 3-point hitches.                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                 |                                                                              | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total Hours: 52</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td>16</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td>36</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td><b>Total</b></td><td><b>52</b></td></tr> </table> |                                                                              | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 | Seminars/tutorials/workshops |  | Laboratory hours | 36 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>52</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 36                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>52</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

HMF 175

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Describe track machine undercarriages.
- Remove and reinstall track machine undercarriages.
- Measure undercarriage components.
- Describe wire rope and its applications.
- Describe winches and related components.
- Identify 3-Point hitches

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.              | Publisher | Year |
|--------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. Bennett               | Heavy Equipment Systems              | X                        | Delmar    | 2013 |
| 2.                       |                                      |                          |           |      |
| 3.                       |                                      | <input type="checkbox"/> |           |      |
| 4.                       |                                      | <input type="checkbox"/> |           |      |
| 5.                       |                                      | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Personal Protective Equipment, Pencil & Paper and Basic Hand Tools

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 50% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

**Typical Course Content and Topics**

Component Theory: 16 hours

Service and Maintain Systems: 36 hours

# MEMO



**To:** Amanda Grimson, John English, Sylvie Murray

**From:** Jamie Ubell, Instructor Heavy Mechanical Program

**Date:** Aug 19, 2014

**Subject:** HMF 180 Engines and Support Systems

---

## **A. Course Revision**

### **1. Rationale for Change**

HMF 180: Engines and Support Systems

This course is renumbered to reflect a change in the sequencing and delivery of curriculum in the current Heavy Duty/Commercial Transport Program (HD/CT).

The intent is to rename the HD/CT program to Heavy Mechanical Foundation (HMF), and to deliver the existing curriculum in fifteen (15) courses to make up the entire HMF program.

HMF 180 is the last of the 15 proposed courses to accomplish this.

The program is being reordered to permit students who have completed courses, but have failed or missed a particular course, to return and complete the remainder of the program without having to repeat the course in which they were successful. At present, a student who misses a course must repeat the entire program.

### **2. Summary of Substance change**

The course is being assigned numbers. The learning outcomes have remained the same. The course will be offered annually. The Official Course Outline has been drafted to reflect the details. Please review course changes on HMF Program Changes document.

**B. Budget and Learning Outcome Issues****1. How does your course address the UFV Learning Outcomes?**

HMF 180 addresses the nine Institutional Learning Outcomes in a variety of ways. It provides students with the opportunity to demonstrate their competence of gathering information, analyzing and applying their skills. Communicate with peers and leaders, while developing solutions to problems. Working on their own as well as in groups cooperatively. Demonstrating respectful and environmental practices to better the Heavy Mechanical Repair industry.

**2. Is this course required by any program beyond its discipline? If so, how will this change or affect that program or programs?**

No

**3. What consideration has been given to indigenizing the curriculum?**

None

**4. If any of the following items on the OCO have changed, or if this course is new, explain how the change will affect the budget for your area or any other area:**

- a. ***Credit Value*** = No effect on budget
- b. ***Class Size Limit*** = No effect on budget
- c. ***Frequency of offering*** = No effect on budget
- d. ***Resources required*** = No effect on budget

**5. If this course is not eligible for PLAR, explain why**

N/A

**6. Are Field Trips required for this course? Will the dates be announced in the timetable? How are the trips being funded?**

Field Trips will be an active part of the overall HMF program, and will be funded within the program budget. Due to the need to meet with various industry schedules, the dates will be announced within a week of the Field Trip date.

**7. Please provide an estimate of the typical costs for this course, including textbooks and other materials:**

- Textbooks: \$150
- Personal Protective Equipment: \$300
- Basic Hand Tools: \$1000





ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> HMF 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Full Title:</b> Engines and Support Systems<br><b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty:</b> Faculty of Applied and Technical Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Department (or program if no department):</b> Heavy Mechanical Foundation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calendar Description:</b><br>In this course students will learn the theory and operation of engine construction and support systems. Topics include engine design, lube systems, cooling systems, intake and exhaust systems, diesel fuel, supply and delivery systems, basic emissions, ignition systems, gasoline fuel systems, and alternate fuel systems.                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Prerequisites (or NONE):</b> Admission to the Heavy Mechanical Foundation program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pre/corequisites (if applicable, or NONE):</b> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total Hours: 130</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">40</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td style="text-align: right;">90</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>130</b></td> </tr> </table> |                                                                              | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40 | Seminars/tutorials/workshops |  | Laboratory hours | 90 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>130</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 90                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>130</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Department / Program Head or Director:</b> Rolf Arnold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                              | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dean/Associate VP:</b> John English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | <b>Date approved:</b> October 9, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

HMF 180

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify Engine Design, Lube Systems, Cooling Systems, Intake and Exhaust Systems, Diesel Fuel, Supply and Delivery Systems, Basic Emissions, Ignition Systems, Gasoline Fuel Systems and Alternate Fuel Systems.
- Describe Engine Design, Lube Systems, Cooling Systems, Intake and Exhaust Systems, Diesel Fuel, Supply and Delivery Systems, Basic Emissions, Ignition Systems, Gasoline Fuel Systems and Alternate Fuel Systems.
- Inspect Lube Systems, Cooling Systems, Intake and Exhaust Systems, Diesel Fuel, Supply and Delivery Systems
- Maintain Lube Systems, Cooling Systems, Intake and Exhaust Systems, Diesel Fuel, Supply and Delivery Systems
- Remove and reinstall diesel engines
- Perform Diesel Engine Tune-Up

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, Homework Assignments, Shop Practical Assignments

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| Author Surname, Initials | Title (article, book, journal, etc.) | Current Ed.              | Publisher | Year |
|--------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. Bennett               | Diesel Engines                       | X                        | Delmar    | 2013 |
| 2.                       |                                      |                          |           |      |
| 3.                       |                                      | <input type="checkbox"/> |           |      |
| 4.                       |                                      | <input type="checkbox"/> |           |      |
| 5.                       |                                      | <input type="checkbox"/> |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Personal Protective Equipment, Pencil and Paper and Basic Hand Tools

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 50% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Homework:      | 10% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** This course requires actual percentage grading to meet ITA requirements. (Not Letter grades)

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☒ No ☐

## Typical Course Content and Topics

Component and System Theory: 40 hours

Service and Maintain Systems: 90 hours

**Briefing Note: CIS vs. COMP course designation**

The CIS program external review noted the need for the department to review its course designations and develop a policy in respect of such designations. This briefing note is in response to this recommendation:

Recommendation 43: That the Department drafts a brief policy statement which makes clear the distinction between the qualities of a CIS course, the qualities of a COMP course, and (if applicable) the qualities of a "CIS or COMP" course. (*Report: UFV Computer Information Systems Program Academic Review, p. 18*)

In the development of a policy, the department is guided by the curriculum guidelines as set out by the leading industry association, the *Association for Computing Machinery (ACM)*, *Institute of Electrical and Electronics Engineers (IEEE)*. The ACM/IEEE has established five general categories of computing curricula based on predominant learning outcomes, computer science (CS), computer information systems (IS), and computer information technology (IT), Computer Engineering (CE) and Software Engineering (SE). The CIS program, like all programs is a hybrid with courses predominantly in the IT and IS domain, with some in the CS domain. Course learning outcomes are also often with mixed outcomes, but with a dominant overall theme.

In the past, there was no consistent standard for naming courses CIS or COMP. It was considered loosely that the more theoretical courses would be designated COMP and the more applied courses, CIS. Most courses in the CIS program curriculum do align with the learning outcomes classifications of the ACM/IEEE standard for Information Systems (IS), Information Technology (IT) and Computer Science (CS).

With the changes proposed for the few course involved, "CIS" designated courses will possess predominant learning outcomes of either "IS" or "IT" while "COMP" designated courses will reflect predominately "CS" learning outcomes. This realignment is also timely given the new program proposal, BSc. Computer Science Major currently in development. Curriculum designated as "COMP" reflects learning outcomes predominantly in support of this program in CS.

**BACKGROUNDER:**

*More information about "IS" "IT" and "CS"*

The ACM/IEEE describes the "IS" curriculum as follows:

"Information Systems as a field of academic study encompasses the concepts, principles, and processes for two broad areas of activity within organizations: 1) acquisition, deployment, management, and strategy for information technology resources and services (the information systems function; IS strategy, management, and acquisition; IT infrastructure; enterprise architecture; data and information) and 2) packaged system acquisition or system development, operation, and evolution of infrastructure and systems for use in organizational processes (project management, system acquisition, system development, system operation, and system maintenance). The systems that deliver information and communications services in an organization combine both technical components and human operators and users. They capture, store, process, and communicate data, information, and knowledge."

*(ACM/AIS Curriculum Guidelines for Undergraduate Degree Programs in Information Systems, 2010 <http://www.acm.org/education/curricula/IS%202010%20ACM%20final.pdf>)*

The ACM describes five pillars of curriculum characteristic of IT programs, and these are also characteristic of the CIS program at UFV, including programming, networking, human computer interaction, databases, and web systems.

<http://www.acm.org/education/curricula/IT2008%20Curriculum.pdf> p19)

*What is the difference between "IT" and "IS"?*

The ACM/IEEE explains:

"... (whereas) Information Systems focuses on the information aspects of information technology... Information Technology is the complement of that perspective: its emphasis is on the technology itself more than on the information it conveys." *(ACM/IEEE Curriculum Guidelines for Undergraduate Degree Programs in Information Technology, 2008, p16)*

The CIS program is also consistent with the focus of IT programs with its educational focus balanced between theory and "hands on" practice.

*What is Computer Science?*

Wikipedia provides a functional definition of computer science which may ultimately enable the reader a nuanced understanding of the difference between IT/IS and computer science (CS):

Computer science is the scientific and practical approach to computation and its applications. It is the systematic study of the feasibility, structure, expression, and mechanization of the methodical procedures (or algorithms) that underlie the acquisition, representation, processing, storage, communication of, and access to information, whether such information is encoded as bits in a computer memory or transcribed in genes and protein structures in a biological cell.[1] A computer scientist specializes in the theory of computation and the design of computational systems. ([http://en.wikipedia.org/wiki/Computer\\_science](http://en.wikipedia.org/wiki/Computer_science) retrieved Sept 3, 2014)

The ACM/IEEE curriculum guideline for CS (2013) identifies 18 core knowledge areas in the field of computer science. Courses within the CIS program with learning outcomes substantially aligned with any of these areas will be designated as "COMP" courses:

- AL-Algorithms and Complexity
- AR-Architecture and Organization
- CN-Computational Science
- DS-Discrete Structures
- GV-Graphics and Visualization
- HCI-Human-Computer Interaction
- IAS-Information Assurance and Security
- IM-Information Management
- IS-Intelligent Systems
- NC-Networking and Communication
- OS-Operating Systems

PBD-Platform-based Development  
PD-Parallel and Distributed Computing  
PL-Programming Languages  
SDF-Software Development Fundamentals  
SE-Software Engineering  
SF-Systems Fundamentals  
SP-Social Issues and Professional Practice

*Conclusion:*

This briefing note and backgrounder is intended to provide guidance for readers unfamiliar with the subject area, sufficient understanding to adjudicate the curriculum changes proposed.

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 230 Databases and Database Management Systems**

---

A. Course revision #1: renamed to COMP 230 Databases and Database Management Systems

1. *Rationale for change:* This change is part of a general assessment and realignment in the course names, recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Explanation of change:* Please see attached briefing note: CIS vs COMP course designation.

Course revision #2: The pre-requisite is changed to either COMP 155 or acceptance to the Data Analysis Certificate (DAC) Program.

1. *Rationale for change:* The previous pre-requisite was complex and difficult for students to understand. It was designed to accommodate both BCIS students (who have COMP 155) and DAC students (who have a programming course but not necessarily COMP 155).
2. *Explanation of change:* Students can now enroll in the course if they have either COMP 155 or acceptance to the DAC program.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.



**ORIGINAL COURSE IMPLEMENTATION DATE:** November 1999  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED: (six years after UEC approval)** February 2021  
**Course outline form version: 09/15/14**

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Databases and Database Management Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Databases and DB Mgmt Syst                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br><br>This course covers the theoretical foundations that are necessary to design and implement a database, and to use database management systems effectively. The database approach is introduced and major models are reviewed. Relational models are considered in more detail. Data modeling techniques are used as a tool for design. Students will study data manipulation languages such as relational algebra and SQL. Normalization and practical design considerations are covered.<br>Note: Students with credit for CIS 230 cannot take this course for further credit.                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | COMP 155 or acceptance to the Data Analysis certificate program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>COMP 330, CIS 230</b><br>Cross-listed with:<br>Equivalent course(s): <b>COMP 330, CIS 230</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                               |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Maximum enrolment (for information only):</b> 35<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Twice per year                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Ian McAskil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> October 10, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

COMP 230

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe what databases and database management systems are.
- Explain why databases were developed, and when they are useful.
- Design a database using entity-relationship modeling.
- Design a normalized database using 4'th normal form.
- Write complex queries in SQL.
- Use a DBMS to create, store and retrieve information.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures and assignments with a database management system.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

|    | Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher         | Year |
|----|----------------------------|--------------------------------------|-------------------------------------|-------------------|------|
| 1. | Connolly, T. and Begg, C.  | Database Systems                     | <input checked="" type="checkbox"/> | Pearson Education |      |
| 2. |                            |                                      | <input type="checkbox"/>            |                   |      |
| 3. |                            |                                      | <input type="checkbox"/>            |                   |      |
| 4. |                            |                                      | <input type="checkbox"/>            |                   |      |
| 5. |                            |                                      | <input type="checkbox"/>            |                   |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Introduction to databases
- Components of a database system
- The entity-relationship model
- The relational model and normalization
- Database implementation issues
- Database manipulation languages (SQL and relational algebra).



**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 370 Software Engineering**

---

A. Course revision:

1. *Rationale for change:* This change is part of a general assessment and realignment in the course names, recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Summary of change:* renamed to COMP 370 Software Engineering. Please see attached briefing note: CIS vs COMP course designation.

CIS 370 has been a part of the CIS program course offerings for many years and has now been brought up to date with current CIS program directions. The learning outcomes have been changed to reflect the fact that the course covers the new development in this area.

The course outline has been enhanced to reflect the fact that both the theory and practical application are covered and well balanced. Students are expected to be able to apply the theory and methods to solve real world problems upon course completion.

A prerequisite of COMP 251 was added to ensure that students are adequately prepared.

The Course Textbook examples have been updated to include:

- *Classical and Object-Oriented Software Engineering with UML and C++*, Eighth Edition, by Stephen R. Schach, published by WCB/McGraw-Hill
- *Software Engineering*, Ninth Edition, by Ian Sommerville, ISBN-13: 978-0-13-703515-1

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.

**CWC comments and response:**

- The typical structure of hours is being changed from 45 lecture to 23 lecture and 22 laboratory hours. Can the department clarify what type of laboratory hours these will be?

*Labs cover all of the activities involved in the software project design and development, including requirements determination, system analysis, design, implementation and maintenance. There are both individual labs and challenging on-going group project(s).*

- Increased prerequisites will require notice.

*Because some students didn't have the enough background, the prerequisites are increased*



ORIGINAL COURSE IMPLEMENTATION DATE: September 1993  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 370                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Course Full Title:</b> Software Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Software Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Calendar Description:</b><br><p>A detailed consideration of how systems are engineered using both classical and object-oriented techniques. It is a continuation of the analysis and design work started in CIS 270. Topics cover all aspects of the software life-cycle. Emphasis is placed on object-oriented techniques and the Unified Modeling Language (UML).</p> <p>Note: Students with credit for CIS 370 cannot take this course for further credit.</p>                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | Admission to the Bachelor of Computer Information Systems degree and CIS 270. Note: As of September 2016, prerequisites will change to the following: Admission to the Bachelor of Computer Information Systems degree, CIS 270, and COMP 251.<br>Note: Students accepted to a Computing Science minor may register with permission of the department.                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CIS 370</b><br>Cross-listed with:<br>Equivalent course(s): <b>CIS 370</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">23</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td style="text-align: right;">22</td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 23 | Seminars/tutorials/workshops |  | Laboratory hours | 22 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Once per year |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 23        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> November 28, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> November 14, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

COMP 370

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

This course is a comprehensive study of object-oriented and classical software engineering techniques. Students will learn how to specify, plan, design, implement, maintain, test, and so on, working as a member of a team.

Upon successful completion of this course, students will be able to:

- Illustrate different software life-cycle models, activities occurring in each phase of software life-cycle, various testing techniques, methods of planning and estimating, and strategies of improving software reusability and portability.
- Draw up the requirements workflow.
- Perform structured system analysis workflow.
- Perform functional, class, and dynamic modeling workflow.
- Perform object-oriented design, data flow analysis and transaction analysis workflow.
- Apply UML in a team setting for the analysis and design of a small application.
- Apply the software process for the development of a small application.
- Perform unity, integration, product, and acceptance testing.
- Explain the importance and challenge of post-delivery maintenance.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, labs and assignments

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.)                                | Current ed.                         | Publisher       | Year |
|----------------------------|---------------------------------------------------------------------|-------------------------------------|-----------------|------|
| 1. Schach, S.R.            | Classical and Object-Oriented Software Engineering with UML and C++ | <input checked="" type="checkbox"/> | WCB/McGraw-Hill | 2010 |
| 2. Sommerville, I.         | Software Engineering                                                | <input checked="" type="checkbox"/> | Addison-Wesley  | 2011 |
| 3.                         |                                                                     | <input type="checkbox"/>            |                 |      |
| 4.                         |                                                                     | <input type="checkbox"/>            |                 |      |
| 5.                         |                                                                     | <input type="checkbox"/>            |                 |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 20% | Midterm exam:     | 15% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Term Project:  | 30% | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

Scope of software engineering

The software process

- Requirements
- Specification
- Object-oriented analysis
- Design
- Implementation
- Integration
- Maintenance
- Retirement
- Software life-cycle models
- Testing
- Review of objects
- Reusability, portability, interoperability
- Planning and estimating

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 371 Object Oriented Modeling and Design**

---

A. Course revision:

1. *Rationale for change:* This change is part of a general assessment and realignment in the course names, recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Summary of change:* renamed to COMP 371 Object Oriented Modeling and Design. Please see attached briefing note: CIS vs COMP course designation.  
The course description was also revised to comply with the 40-word maximum.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.

**CWC comments and response:**

- Learning outcomes seem relatively generic for a third-year course. Can these be elaborated on?

*Learning outcomes have been revised.*



ORIGINAL COURSE IMPLEMENTATION DATE: January 2004  
 REVISED COURSE IMPLEMENTATION DATE: May 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 371                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Object Oriented Modeling and Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Object Oriented Modeling & Des                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Students will learn how to design and implement high quality computer systems. Emphasis is placed on creating a requirements model and using design principles to create a working system. The unified modeling language (UML) is used extensively throughout this course.<br><br>Note: Students with credit for CIS 371 cannot take this course for further credit.                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | Admission to the Bachelor of Computer Information Systems degree, CIS 230, CIS 270, and COMP 251. Note: Students accepted to a CIS or Computing Science minor may register with permission of the department.                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CIS 371</b><br>Cross-listed with:<br>Equivalent course(s): <b>CIS 371</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                  |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 35<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> November 28, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> November 14, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

COMP 371

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Define system requirements by using use cases and other artifacts used in Unified Process (UP) development
- Create domain model with a UML diagram
- Transform the identified requirements to system design and describe the system design by drawing static and dynamic UML diagrams, including class diagrams and interaction diagrams
- Apply the design principles (patterns) in the process of software design and implementation
- Implement the system designs and translate designs to code
- Apply the refactoring strategy to optimize the software
- Design and implement high quality object-oriented computer system following the Unified software development process (UP)

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, review of case studies, programming assignments, formal examinations, student presentations

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher     | Year |
|----------------------------|--------------------------------------|-------------------------------------|---------------|------|
| 1. Larman, C.              | Applying UML and Patterns            | <input checked="" type="checkbox"/> | Prentice Hall | 2005 |
| 2.                         |                                      | <input type="checkbox"/>            |               |      |
| 3.                         |                                      | <input type="checkbox"/>            |               |      |
| 4.                         |                                      | <input type="checkbox"/>            |               |      |
| 5.                         |                                      | <input type="checkbox"/>            |               |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | %   | Assignments: | 70% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Exams:         | 30% | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Object-oriented review
- Developing requirements
- Modeling with classes
- User centric design
- Modeling interactions and behaviours
- Architecting and designing software
- Testing and inspecting to ensure high quality

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
 Lucy Lee, Dean of Science  
 Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 380 Introduction to Artificial Intelligence**

---

A. Course revision: renamed to COMP 380 Introduction to Artificial Intelligence

1. *Rationale for change*: This change, in process for several courses, was identified specifically in the external program review (Recommendation #41, p.18); it is also part of a general assessment and realignment in the course names, also recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Summary of change*: Please see attached briefing note: CIS vs COMP course designation.

Course revision #2: The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of Stat 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated)

1. *Rationale for change*: This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Summary of change*: Please see memo for BCIS program changes dated October 1, 2014.

The course description was also revised to comply with the 40-word maximum.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.

**CWC comments and responses:**

- Increased prerequisite will require notice. Should the interim prerequisites include MATH 270/STAT 270 as an option, or should this only be added when STAT 104, CYC 425, and PSYC 110 are removed?  
*MATH 270/STAT 270 should be added in the interim.*





ORIGINAL COURSE IMPLEMENTATION DATE: January 2004  
 REVISED COURSE IMPLEMENTATION DATE: May 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 380                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Introduction to Artificial Intelligence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Introduction to Artificial Int                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>A basic introduction to Artificial Intelligence. Topics include common AI techniques, including knowledge representation and reasoning, logical inference, and machine learning. Emphasis is placed on practical use of rule-based systems and the fundamentals necessary for the development of Expert Systems.</p> <p>Note: Students with credit for CIS 380 cannot take this course for further credit.</p>                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <p>Admission to the Bachelor of Computer Information Systems degree, COMP 251, and one of the following: (STAT 104 [formerly MATH 104] with a grade of B+ or better, STAT 106 [formerly MATH 106], MATH 270/STAT 270, CYC 425, or PSYC 110 with a grade of B+ or better).</p> <p>Note: As of September 2016, prerequisites will change to the following: Admission to the Bachelor of Computer Information Systems degree, COMP 251, and one of the following: (STAT 106 [formerly MATH 106] or MATH 270/STAT 270).</p> <p>Note: Students accepted to a CIS or Computing Science minor may register with permission of the department.</p> |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CIS 380</b><br>Cross-listed with:<br>Equivalent course(s): <b>CIS 380</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> .                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>45</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> November 28, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> November 14, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

COMP 380

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Contrast AI systems and traditional computer information systems
- Assess the major benefits and limitations of Expert Systems
- Describe the role of knowledge acquisition, validation and representation in AI
- Model uncertainty and apply probabilistic inference in AI systems
- Design and build a simple expert system
- Implement programs that use Neural computing, Genetic Algorithms, and Fuzzy Logic
- Define the role of intelligent agents in modern software

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, assignments, and hands-on exercises working with Expert Systems software.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)  | Title (article, book, journal, etc.)       | Current ed.                         | Publisher | Year |
|-----------------------------|--------------------------------------------|-------------------------------------|-----------|------|
| 1. Russell, S. & Norvig, P. | Artificial Intelligence: A Modern Approach | <input checked="" type="checkbox"/> |           |      |
| 2.                          |                                            | <input type="checkbox"/>            |           |      |
| 3.                          |                                            | <input type="checkbox"/>            |           |      |
| 4.                          |                                            | <input type="checkbox"/>            |           |      |
| 5.                          |                                            | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

CD for assignments and project.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Artificial vs. Natural Intelligence
- Knowledge acquisition and validation
- Machine reasoning, making inferences, representing uncertainty
- Building expert systems
- Neural Network fundamentals
- Genetic Algorithms, fuzzy logic, and Hybrid Intelligent systems
- Intelligent Agents
- Speech recognition and understanding
- Computer Vision
- Robotics

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 390 Data Communications**

---

A. Course revision #1: renamed to COMP 390 Data Communications

1. *Rationale for change:* This change is part of a general assessment and realignment in the course names, recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Explanation of change:* Please see attached briefing note: CIS vs COMP course designation.

Course revision #2: The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of Stat 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated)

1. *Rationale for change:* This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Explanation of change:* Please see memo for BCIS program changes dated October 1, 2014

Course revision #3: Prerequisites were changed to include additional options of CIS 292 or COMP 251. A significant portion of time is spent on network algorithms and thus students could fulfill the prerequisites either through an advanced networking course and/or through a course on algorithms, such as COMP 251.

The course description was updated to more concisely reflect course content.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.

**CWC comments and responses:**

- Double verbs in the learning outcomes (such as “analyze and explain”) should ideally either be separated into individual learning outcomes, or only one verb (usually the higher-level verb) should be selected. Specific suggestions for changes:
  - Learning outcome #1: suggest deleting “and explicate”
  - #6: suggest deleting “and explain”
  - #9, 10, and 12: consider choosing only one verb

*Learning outcomes have been revised.*



ORIGINAL COURSE IMPLEMENTATION DATE: November 1999  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Course Full Title:</b> Data Communications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Data Communications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Calendar Description:</b><br><br>Students will explore the ideas, methods, and standards for the exchange of information, and the layers, interfaces, protocols, and services on the OSI reference model and TCP/IP protocol suite. Network algorithms, design and tradeoffs, and performance analysis are emphasized.<br><br>Note: Students with credit for CIS 390 cannot take this course for further credit.                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Admission to the Bachelor of Computer Information Systems, MATH 125, (one of the following: CIS 291, CIS 292, or COMP 251), and (one of the following: STAT 104 [formerly MATH 104] with a B+ or better, STAT 106 [formerly MATH 106], MATH 270/STAT 270, CYC 425, or PSYC 110 with a B+ or better).<br><br>Note: As of September 2016, prerequisites will change to the following: Admission to the Bachelor of Computer Information Systems, MATH 125, (one of the following: CIS 291, CIS 292, or COMP 251), and (one of the following: STAT 106 [formerly MATH 106] or MATH 270/STAT 270).<br><br>Note: Students accepted to a CIS or Computing Science minor may register with permission of the department. |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CIS 390</b><br>Cross-listed with:<br>Equivalent course(s): <b>CIS 390</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> .                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> November 28, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> November 14, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                      |  |

COMP 390

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Compare the OSI model and the TCP/IP suite
- Apply Nyquist and Shannon Capacity formulae
- Identify different transmission media and its effective applications
- Apply the principles of flow control and error control
- Demonstrate effective use of sliding window protocols
- Analyze various multiple access protocols
- Explain different types of Ethernets and their applications
- Describe the principles of circuit-switching and packet-switching networks
- Analyze the delays and throughput of LANs and WANs
- Evaluate various routing protocols and strategies
- Identify the important concepts of congestion control
- Analyze TCP and UDP protocols and their performance

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)   | Title (article, book, journal, etc.)     | Current ed.                         | Publisher      | Year |
|------------------------------|------------------------------------------|-------------------------------------|----------------|------|
| 1. Tanenbaum, A.S.           | Computer Networks                        | <input checked="" type="checkbox"/> | Prentice Hall  |      |
| 2. Stallings, W.             | Data and Computer Communications         | <input checked="" type="checkbox"/> | Prentice Hall  |      |
| 3. Kurose, J.F. & Ross, K.W. | Computer Networking: A Top-Down Approach | <input checked="" type="checkbox"/> | Addison Wesley |      |
| 4.                           |                                          | <input type="checkbox"/>            |                |      |
| 5.                           |                                          | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

A basic scientific calculator

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 45% | Assignments: | 15% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Participation: | 10% | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

1. Introduction and overview - OSI Reference Model, TCP/IP protocols
2. The Physical Layer – Fourier Series, Nyquist and Shannon Capacity formulae, Bandwidth, Baseband, Passband
3. The Data Link Layer – Design Issues, Sliding Window Protocols, Multiple Access Protocols, Principles of Error and Flow Control, High-Level Data Link Control
4. LAN (Local Area Networks) - LAN architecture, Bus/Tree LANs, Ring LANs, Star LANs, Wireless LANs
5. LAN Systems - Design of Ethernet Networks
6. Internetworking - Principles of Bridge and Switch Operations
7. The Network Layer – Design Issues, Routing Algorithms, Congestion Control Algorithms
8. Transport Layer – TCP, Error and Flow Control, UDP protocols, Performance Issues

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 430 Advanced Database Topics**

---

A. Course revision #1: renamed to COMP 430 Advanced Database Topics

1. *Rationale for change:* This change is part of a general assessment and realignment in the course names, recommended in the external program review, "which makes clear the distinction between the qualities of a CIS course and a COMP course" (Recommendation #43, p.18).
2. *Explanation of change:* Please see attached briefing note: CIS vs COMP course designation.

Course revision #2: The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of Stat 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated)

1. *Rationale for change:* This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Explanation of change:* Please see memo for BCIS program changes dated October 1, 2014

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.



ORIGINAL COURSE IMPLEMENTATION DATE: Winter 1992  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2012  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Advanced Database Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Advanced Database Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>Students will study, discuss, and compare current processes and tools being used by organizations for their data-handling needs. Topics include indexing and hashing, performance issues, hands-on database administration, an introduction to data warehousing and data mining, and object-oriented database approaches.</p> <p>Note: Students with credit for CIS 430 cannot take this course for further credit.</p>                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <p>(CIS 230 and COMP 251) or (60 university-level credits including CIS 230 and one of the following: [STAT 104 (formerly MATH 104) with a B+, STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271 (formerly MATH 271)] and one of the following: [COMP 150, COMP 152, or COMP 155]).</p> <p>Note: As of September 2016, prerequisites will change to: (CIS 230 and COMP 251) or (60 university-level credits including CIS 230 and one of the following: [STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271 (formerly MATH 271)] and one of the following: [COMP 150, COMP 152, or COMP 155]).</p> <p>Note: COMP 251 and COMP 340 are recommended.</p> |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>CIS 430</b><br>Cross-listed with:<br>Equivalent course(s): <b>CIS 430</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> .                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>45</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> October 10, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> November 28, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of posting:</b> January 23, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> November 14, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |



COMP 430

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe how indexing and hashing can improve performance, and when to use each technique.
- Explain how optimization techniques enable RDBMS to perform better.
- Identify issues involved in tuning and measuring RDBMS performance.
- Explain how object oriented (OODBMS) and object-relational (ORDBMS) databases differ from relational, and when each is useful and preferable.
- Describe what data warehousing is, and the basic issues affecting construction and performance.
- Explain what data mining is, and the methods used.
- Execute database administrator responsibilities and duties.
- Use databases, and describe where each of the specific topics in the course is useful in solving business problems.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, assignments, and hands-on exercises involving relational database management system operation

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.)                                      | Current ed.                         | Publisher      | Year |
|----------------------------|---------------------------------------------------------------------------|-------------------------------------|----------------|------|
| 1. Connolly & Begg         | Database Systems, 2010 Oracle Education Kit – Oracle 11g DBA Fundamentals | <input checked="" type="checkbox"/> | Addison Wesley | 2010 |
| 2.                         |                                                                           | <input type="checkbox"/>            |                |      |
| 3.                         |                                                                           | <input type="checkbox"/>            |                |      |
| 4.                         |                                                                           | <input type="checkbox"/>            |                |      |
| 5.                         |                                                                           | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

Indexing and hashing.  
 Relational optimization techniques.  
 Performance tuning.  
 Comparison of modern relational systems.  
 Object-relational database systems (ORDBMS).  
 Object-oriented databases (ODBMS).  
 Data warehousing and data mining.  
 Oracle current architecture.  
 Oracle current database administration.

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 385 Project Management**

---

A. Course revision:

1. *Rationale for change:* The previous pre-requisite was very complex and difficult for students to understand. It was meant to cater to both BCIS and Data Analysis Certificate (DAC) students. We have simplified the pre-requisite accordingly, as summarized below. We have also condensed the course description to be more succinct.
2. *Summary of change:* The new pre-requisite is CIS 270, CIS 291 or acceptance to the Data Analysis Certificate (DAC) program. The course description was also revised to comply with the 40-word maximum.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.



ORIGINAL COURSE IMPLEMENTATION DATE: May 2003  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CIS 385                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Project Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Project Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>This course is designed to complement existing information technology knowledge, skills, and experience with the project management skills required to effectively manage development projects that involve computer hardware, computer software, and telecommunications technology.                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | One of the following: CIS 270, CIS 291, or (CIS 230 plus 60 university-level credits including one of [STAT 104 (formerly MATH 104) with a B+, STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271 (formerly MATH 271)], and one of [COMP 150, COMP 152, or COMP 155]).<br>Note: As of September 2016, prerequisites will change to: One of the following: CIS 270, CIS 291, or acceptance to the Data Analysis certificate program.                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                       |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>45</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Assess the growing need for IT project management.
- Describe the role of the project manager.
- Describe the systems view of project management and how it applies to IT projects.
- Discuss the unique attributes and diverse nature of IT projects.
- Describe the recent trends affecting IT project management, including globalization, outsourcing, and virtual teams.
- Explain the strategic planning process and apply different project selection methods.
- Apply the concepts of good project scope, time, cost, quality, and risk management.
- Discuss the process for creating a work breakdown structure.
- Identify the tools and techniques for quality control.
- Explain the importance of good human resource management.
- Use effective communication skills on projects.
- Explain the importance of managing stakeholder expectations.
- Identify the elements involved in risk management planning and the contents of a risk management plan.
- Assess the importance of project procurement management and the implications of the increasing use of outsourcing for IT projects.
- Use Microsoft Project to help manage IT projects.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Classes will consist of lecture and open discussions in which all students must participate. Students are encouraged to bring diverse topics that are related to any area of project management to this forum so that a wide range of subject matter may be addressed. Lab experiences with Microsoft Project software will be employed to give students understanding of the most popular project management tool in use in North America. Project management is a discipline that involves working closely and effectively with other individuals. For this reason some assignment work will involve working within groups of individuals. Assignments may require an oral presentation.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.)                                                              | Current ed.                         | Publisher         | Year |
|----------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|-------------------|------|
| 1. Schwalbe, K.            | Information Technology Project Management                                                         | <input checked="" type="checkbox"/> | Course Technology | 2009 |
| 2.                         | A Guide to the Project Management Body of Knowledge (PMBOK Guide) CD-ROM                          | <input checked="" type="checkbox"/> |                   |      |
| 3.                         | Various web locations (including several that address the problems of students working in groups) | <input type="checkbox"/>            |                   |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 45% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

## Typical Course Content and Topics

- 1) Introduction to Project Management Framework
- 2) The Project Management Context and Processes
- 3) Project Integration Management
- 4) Core Knowledge Areas of Project Management:
  - a) Scope Management, b) Time Management, c) Cost Management, d) Quality Management
- 5) Facilitating Knowledge Areas of Project Management:
  - a) Human Resource Management, b) Communications Management, c) Risk Management, d) Procurement Management
- 6) Project Management Process:
  - a) Initiating, b) Planning, c) Executing, d) Controlling, e) Closing
- 7) Using Microsoft Project (this will be introduced early and build throughout the course)

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **CIS 480 Decision Support Systems**

---

A. Course revision:

1. *Rationale for change:* This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Summary of change:* The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of STAT 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated). Please see memo for BCIS program changes dated October 1, 2014.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.



**ORIGINAL COURSE IMPLEMENTATION DATE:** December 2003  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED: (six years after UEC approval)** February 2021  
**Course outline form version: 09/15/14**

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CIS 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Decision Support Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Decision Support Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>This course explores topics in computer-based Decision Support Systems with a focus on the application of information technology to the solution of management problems. Topics include Management Support Systems, Business Intelligence, decision making systems, and intelligent systems.                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | COMP 251 and one of the following: STAT 104 (formerly MATH 104) with a B+ or better, STAT 106 (formerly MATH 106), MATH 270/STAT 270, CYC 425, or PSYC 110 with a B+ or better. Note: As of September 2016, prerequisites will change to the following: COMP 251 and one of the following: STAT 106 (formerly MATH 106) or MATH 270/STAT 270.                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                     |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

CIS 480

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe Management Support Systems and how they are used
- Define decisions and how decisions are characterized
- Define a DSS, its purpose, and characteristics
- Describe how data are organized for a DSS
- Demonstrate an understanding of the characteristics and the process of Business Intelligence
- Clearly describe intelligent databases, data warehouses, multidimensionality, and data mining
- Define the architecture of Business Intelligence
- Compare decision making under assumed certainty, risk, and uncertainty
- Compare Collaborative Computing Technologies
- Describe Executive Information and Support systems

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures, assignments, and hands-on exercises

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)  | Title (article, book, journal, etc.)                       | Current ed.                         | Publisher | Year |
|-----------------------------|------------------------------------------------------------|-------------------------------------|-----------|------|
| 1. Turban, E. & Aronson, J. | Decision Support Systems and Business Intelligence Systems | <input checked="" type="checkbox"/> |           |      |
| 2.                          |                                                            | <input type="checkbox"/>            |           |      |
| 3.                          |                                                            | <input type="checkbox"/>            |           |      |
| 4.                          |                                                            | <input type="checkbox"/>            |           |      |
| 5.                          |                                                            | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

CD for assignments and project

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

- Management support systems: An overview
- Decision Making, Systems, Modeling, and Support
- Decision Support Systems: An overview
- Business Intelligence
- Data Management: Warehousing, Access, and Visualization
- Modeling and Analysis
- Decision Support System Development
- Fundamentals of Expert Systems and Intelligent Systems
- Collaborative Computing Technologies
- Knowledge Management

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **COMP 331 Data Quality**

---

A. Course revision:

1. *Rationale for change:* This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Summary of change:* The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of STAT 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated). Please see memo for BCIS program changes dated October 1, 2014.

The course description was also revised to comply with the 40-word maximum.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.





ORIGINAL COURSE IMPLEMENTATION DATE: January 2012  
 REVISED COURSE IMPLEMENTATION DATE: [September 2015](#)  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Full Title:</b> Data Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Data Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Calendar Description:</b><br>Data quality issues pertaining to data acquisition, storage, integrity, and use. Identifying and analyzing data quality problems, and assessing strategies and tools to correct them. Also covers privacy and security, and data quality needs of data warehousing and mining applications.<br><br>Note: This course is offered as COMP 331 and STAT 331 (formerly MATH 331). Students may take only one of these for credit.                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | CIS 230 and one of the following: STAT 104 (formerly MATH 104) with a B+, STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271. Note: As of September 2016, prerequisites will change to the following: CIS 230 and one of the following: STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271.                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>MATH 331</b><br>Cross-listed with: <b>STAT 331</b><br>Equivalent course(s): <b>STAT 331</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 35<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> once per year                                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> <a href="#">August 20, 2014</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> <a href="#">January 9, 2015</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                          |  |

COMP 331

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify data quality issues
- Make a business case for solving data quality problems
- Analyze data quality problems
- Use simple statistical and other tools to identify data quality problems
- Understand data warehousing and data mining data quality requirements, needs and strategies

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lecture, hands-on in-class labs

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)      | Title (article, book, journal, etc.)                  | Current ed.                         | Publisher             | Year |
|---------------------------------|-------------------------------------------------------|-------------------------------------|-----------------------|------|
| 1. Maydanchik, A.               | Data Quality Assessment                               | <input checked="" type="checkbox"/> | Technics Publications | 2007 |
| 2. Loshin, D.                   | The Practitioner's guide to Data quality Improvement  | <input checked="" type="checkbox"/> | Morgan Kaufmann       | 2011 |
| 3. Olson, J.E.                  | Data Quality – The Accuracy Dimension                 | <input checked="" type="checkbox"/> | Morgan Kaufmann       | 2003 |
| 4. Batini, C. & Scannapieco, M. | Data Quality – Concepts, Methodologies and Techniques | <input checked="" type="checkbox"/> | Springer-Verlag       | 2006 |
| 5.                              |                                                       | <input type="checkbox"/>            |                       |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Causes of data quality problems
- Data quality assessment
- The business case
- Service level agreements
- Attribute domain constraints
- Relational integrity rules
- Rules for historical data
- Rules for state dependent objects
- Attribute dependency rules
- Implementing data quality rules
- Statistical tools
- Cataloguing errors
- Measuring data quality
- Data warehousing quality issues
- Data quality in data mining applications



ORIGINAL COURSE IMPLEMENTATION DATE: January 2012  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> STAT 331                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Course Full Title:</b> Data Quality                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>COMP 331</b> for the official course outline.                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Calendar Description:</b><br>Data quality issues pertaining to data acquisition, storage, integrity, and use. Identifying and analyzing data quality problems, and assessing strategies and tools to correct them. Also covers privacy and security, and data quality needs of data warehousing and mining applications.<br><br>Note: This course is offered as COMP 331 and STAT 331 (formerly MATH 331). Students may take only one of these for credit. |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | CIS 230 and one of the following: STAT 104 (formerly MATH 104) with a B+, STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271. Note: As of September 2016, prerequisites will change to the following: CIS 230 and one of the following: STAT 106 (formerly MATH 106) with a B, MATH 270/STAT 270, or STAT 271. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                 | NONE                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                             | NONE                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>MATH 331</b><br>Cross-listed with: <b>STAT 331</b><br>Equivalent course(s): <b>STAT 331</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                        |                                                                                                                                                                                                                                                                                                                                   | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |
| <b>Department / Program Head or Director:</b> Cynthia Loten                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> January 9, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                   | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                   | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** October 24, 2014

**Subject:** Course Revision: **COMP 490 Network Security and Cryptography**

---

A. Course revision:

1. *Rationale for change:* This change is being made comprehensively in the CIS/COMP curriculum to enable more focussed scheduling and enrolment management of this prerequisite course.
2. *Summary of change:* The STAT prerequisite options are narrowed to include STAT 106 or STAT 270 only. (The option of STAT 104 with B+ or better, CYC 425 or PSYC 110 with a B+ or better are eliminated). Please see memo for BCIS program changes dated October 1, 2014.

The course description was also revised to comply with the 40-word maximum.

The changes in the course outline do not affect the class size, the credit value or the required resources for the course. There are no additional costs required for course delivery.



**ORIGINAL COURSE IMPLEMENTATION DATE:** January 2003  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED:** (six years after UEC approval) February 2021  
**Course outline form version:** 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Network Security and Cryptography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Network Security & Cryptography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>This course will cover important concepts in conventional encryption algorithms such as AES, public-key design and algorithms such as RSA and elliptic curve, digital signatures and authentication protocols such as Kerberos, and key managements such as PKI and X.509.                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | CIS 390 with a grade of C or better and one of the following: STAT 106 (formerly MATH 106) or MATH 270/STAT 270.                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> every other year                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

COMP 490

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Explicate conventional encryption algorithms and its applications
- Describe public-key encryption algorithms and its applications
- Evaluate and interpret simple conventional and public-key encryption algorithms
- Analyze and explain digital signatures and authentication protocols
- Explain IP and web security
- Demonstrate effective use of network security practices
- Incorporate security issues into an IT deployment plan
- Compare and explain intrusion detection and responses
- Identify various network security attacks and violations and their defenses.
- Produce network security plans and procedures

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)                | Title (article, book, journal, etc.)                                   | Current ed.                         | Publisher      | Year |
|-------------------------------------------|------------------------------------------------------------------------|-------------------------------------|----------------|------|
| 1. Stallings, W.                          | Cryptography and Network Security: Principles and Security             | <input checked="" type="checkbox"/> | Prentice-Hall  |      |
| 2. Stallings, W.                          | Network Security Essentials: Applications and Standards                | <input checked="" type="checkbox"/> | Prentice-Hall  |      |
| 3. Allen, J.H.                            | The CERT Guide to System and Network Security Practices                | <input checked="" type="checkbox"/> | Addison-Wesley |      |
| 4. Ferguson, N., Schneier, B. & Kohno, T. | Cryptography Engineering: Design Principles and Practical Applications | <input checked="" type="checkbox"/> | Wiley          |      |
| 5.                                        |                                                                        | <input type="checkbox"/>            |                |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

A basic scientific calculator

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 40% | Assignments: | 25% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | 8%  | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Participation: | 7%  | Other:       | %   | Other:            | %   | Total:     | 100% |

## Details (if necessary):

## Typical Course Content and Topics

- Security architecture.
- Various types of security attacks.
- Classical and modern conventional encryption techniques.
- Algorithms of conventional algorithms such as DES and AES
- Public-key cryptography such as RSA and Elliptic Curve
- Digital signatures and authentication protocols.
- Applications of authentication.
- Email security.
- IP and Web security.
- System and network security procedures.
- Security issues and requirements.
- Intrusion detection and response preparation.

**CWC comments and responses (CIS 395; COMP 120, 355, 420)**

**From:** gabriel.murray@gmail.com [mailto:gabriel.murray@gmail.com] **On Behalf Of** Gabriel Murray  
**Sent:** February-19-15 10:52 AM  
**To:** Simon Xi  
**Cc:** Amanda Grimson; cwconsult; Angela Reid; Jamie Moortele; Colleen Gingerich; Edward Lo  
**Subject:** Re: [CWC] CIS 395 and COMP 120, 355, 420 - new courses

Regarding COMP 355, this will be changed to MATH/STAT 106. Thanks for catching that. COMP 420 will be required in the proposed BSc. CS program. Given that students cannot take credit for both 420 and CIS 485, I think it makes sense that the BCIS requirements could be modified to allow COMP 420 in lieu of CIS 485. We will discuss that departmentally. And since the BSc. CS proposal is not finalized, the working group can discuss giving CS students that same flexibility.

Regarding overlap between COMP 420 and CIS 485, they both deal with ethics and computing but with different scopes: CIS 485 is on ethics and other management issues (e.g. professional ethics), while 420 will focus more on larger societal implications (e.g. privacy, surveillance, copyright/patent law).

Cheers,  
Gabe

---

On Thu, Feb 19, 2015 at 10:31 AM, Gabriel Murray <[gabriel.murray@ufv.ca](mailto:gabriel.murray@ufv.ca)> wrote:

Hi Simon,

Thanks for your comments. Regarding COMP 120, the CIS department decided a few months back to make Math 12 an entrance requirement for the BCIS, so course pre-reqs are now reflecting that. Currently, COMP 120 cannot be taken in lieu of COMP 125. That is a possibility in the future.

Cheers,  
Gabe

---

On Thu, Feb 19, 2015 at 10:24 AM, Simon Xi <[Simon.Xi@ufv.ca](mailto:Simon.Xi@ufv.ca)> wrote:

Hi,

The UEC Screening Committee has made some good comments. The following is some of the points I would like to share with CWC.

COMP 355. Pre-requisite may be worded: STAT 106 (formerly MATH 106) or MATH/STAT 106.

COMP 420: this course will be synonymous with CIS485. Memo 1 proposes COMP 420 as an alternative to CIS 485 for BCIS students. The latter being a core course in the BCIS program, students can take COMP 420 in lieu of CIS 485. However, Memo 2 suggest this course as an elective. In addition, I wonder how much overlap there is between the two courses and whether the current CIS 485 can also be taken in lieu of COMP 420 for Computing Science students.

COMP 120: pre-requisites are higher than those for current COMP 125 and 150. Is there a rationale? There is the existing COMP 125, a compulsory course in the CIS program. Which one serves as better introduction? Can CIS students take COMP 120 in lieu of COMP 125?

Thanks,

Simon Xi  
Educational advisor  
UFV International

---

**From:** [cwconsult-bounces@ufv.ca](mailto:cwconsult-bounces@ufv.ca) [mailto:[cwconsult-bounces@ufv.ca](mailto:cwconsult-bounces@ufv.ca)] **On Behalf Of** Amanda Grimson  
**Sent:** Thursday, February 05, 2015 2:02 PM  
**To:** cwconsult  
**Cc:** Gabriel Murray; Angela Reid; Jamie Moortele  
**Subject:** [CWC] CIS 395 and COMP 120, 355, 420 - new courses

Please reply all with CWC comments on the attached.

The UEC Screening Subcommittee has reviewed these courses, and has the following comments.

CIS 395:

- No comments

COMP 120:

- Suggest moving the note regarding computer skills from the prerequisites to a note in the course description. (This would eventually apply to all other courses that include this as a prereq.)
- The structure of hours indicates 45 lecture hours; should this include some lab hours?
- Header on second page needs to be updated from COMP 153.
- Learning outcome #1: suggest eliminating sub-bullet.

COMP 355:

- Should the structure of hours indicate 45 lab hours rather than lecture hours?

COMP 420:

- No comments.



**Memo**

**To:** Amanda Grimson, Undergraduate Education Committee Assistant  
Lucy Lee, Dean of Science  
Sylvie Murray, Program Development Coordinator

**From:** Ian McAskill, Interim Department Head, CIS

**Date:** November 17, 2014

**Subject:** New Course: **CIS 395 Virtualization and Cloud Infrastructure**

---

**B. New course****1. *Rationale for new course***

The technology and software of virtualization has existed in computing since the 1960's, then using terminals without inherent computational power communicating with a main frame computer. Now, computers have inherent computational capacity and also communicate with the "cloud", through the internet, accessing operating systems, network resources, databases and storage devices worldwide. This has become a familiar aspect of our everyday use of the internet. Within organizations, computing tasks also operate similarly within the "intranet", with centralized servers as the "mainframe". This overarching structure enables PC's and mobile devices with the "virtual" power of much larger and more specialized central servers. As with all specialization, in employing virtualization technologies, computers can be utilized more efficiently, yielding vast increases in computational power and speed with significant reductions in energy usage. There is more. Virtualization applies the *separation of concerns* principle and effectively severs ties between hardware and software, rendering them independent and easily scalable, replaceable and replicable, reliable and secure. Not surprisingly, IT enterprises within organizations are moving servers to "the cloud" in order to minimize costs, improve reliability and to ensure business continuity. None of this would be possible without virtualization technologies and applications.

The need for a course in virtualization and cloud infrastructure has been recognized for some time as an important subject for development within the CIS program, and was the topic of a CIS faculty sabbatical research leave in 2012.

The recently completed external program review of the CIS program also called for the implementation of this course:

*"Several important topics now crucial to the current IT practice appear to be missing from the curriculum... Recommendation 1: That the Department introduces a course on virtualization technology, and that this course be core to the Systems and Security concentration."* (Report: UFV CIS Academic Review, page 10)

Implementation is planned for a first run of this course in the spring term, 2015.

**2. How new course fits into program(s)**

The "Systems and Security Concentration" noted above represents a consolidation of two existing concentrations in the CIS program (Systems Administration and Networking and Security). This course is planned to be core in the new Systems and Security Concentration once approved.

**C. Budget and Learning Outcome Issues****1. How does this course address the UFV Learning Outcomes?**

As part of its 2014 program review, the CIS faculty undertook a comprehensive inventory of the nine UFV program learning outcomes as they apply to each course in the program. It was determined in that analysis that institutional learning outcomes are achieved for students as a collective of their experience over the course of their study of many courses, with courses contributing different emphasis. CIS 395 promises to be especially strong in supporting abilities of students to analyze critically and imaginatively and in initiating inquiries and developing solutions to problems.

**2. Is this course required by any program beyond the discipline? No****3. What consideration has been given to indigenizing the curriculum?**

The Program Review data showed 3.2% overall enrolment participation in CIS courses by students declaring aboriginal status, (52 out of 1627 enrolments for 2012/13). This is low. The department recognizes the institutional strategic direction to improve First Nations participation and welcomes initiatives for improvement.

**4. If any of the following items on the OCO have changed, or this course is new, explain how the change will affect the budget for your area or any other area: (noted on course outline)**

- a. Credit value: 3
- b. Class size limit: 35
- c. Frequency of offering: (to be determined based on student demand)
- d. Resources required (labs, equipment): additional memory is required of each lab station and all computers in lab D242 are now so equipped with 8 G Bytes of RAM.

**5. If this course is not eligible for PLAR, explain why.****6. Are field trips required for this course? Will the dates be announced in the timetable? How are the trips funded? No****7. Please provide an estimate of the typical costs for this course, including textbooks and other materials.**

The estimated cost of the textbooks and other materials is approximately \$200. There is no anticipated software cost to the students. The software will be installed on our computers.



ORIGINAL COURSE IMPLEMENTATION DATE: May 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|----|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> CIS 395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Virtualization and Cloud Infrastructure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Virtualization and Cloud Infst                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>This course introduces how the technologies of virtualization on servers, storage, networks, desktops, and applications work and how they could be used to build a cloud infrastructure. Cloud reference architecture, service models, deployment models, and security will also be discussed.                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | CIS 291 or CIS 292.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>30</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td>15</td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops |  | Laboratory hours | 15 | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> every 18 months                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> August 20, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |    |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

CIS 395

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Analyze various virtualization technologies on servers, storage, networks, desktops, and applications.
- Characterize the cloud infrastructure components.
- Explain the cloud reference architecture, service models, and deployment models.
- Identify security concerns of the cloud to devise effective solutions.
- Perform the installation, configuration, and maintenance of virtualization software

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures and labs

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

|    | Author (surname, initials)   | Title (article, book, journal, etc.)                                                                                                      | Current ed.                         | Publisher                 | Year |
|----|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|------|
| 1. | EMC Education Services       | Cloud Infrastructure and Services: Virtualization and Cloud Infrastructure Technology Concepts and Principles                             | <input checked="" type="checkbox"/> | Wiley                     | 2014 |
| 2. | EMC Education Services       | Information Storage and Management: Storing, Managing, and Protecting Digital Information in Classic, Virtualized, and Cloud Environments | <input checked="" type="checkbox"/> | Wiley                     | 2012 |
| 3. | Hitachi Data Systems Academy | Storage Concepts: Storing and Managing Digital Data, Volume 1                                                                             | <input checked="" type="checkbox"/> | HDS Academy               | 2012 |
| 4. | N/A                          | CompTIA Cloud Essentials Certification Study Guide                                                                                        | <input checked="" type="checkbox"/> | McGraw-Hill Osborne Media | 2014 |
| 5. |                              |                                                                                                                                           | <input type="checkbox"/>            |                           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

VMWARE, XCP and KVM

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 40% | Assignments: | 15% | Midterm exam:     | 25% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Participation: | 10% | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

## Typical Course Content and Topics

Overview of virtualization and the cloud  
 Virtualized Data Center  
 Storage virtualization  
 Network virtualization  
 Desktop virtualization  
 Application virtualization  
 Virtualization software  
 Cloud Reference Architecture  
 Cloud Service Models  
 Cloud Deployment Models  
 Cloud infrastructure  
 Cloud Security  
 Cloud migration considerations

**Memo for New Course**

To:

From: Gabriel Murray

Date: 12/5/2014

**Subject: Proposal for new course (COMP 120)**

**1. Rationale for new course:**

Several UFV Science departments have indicated that they would like a 100-level computing course as an option for their students that would not cover just programming, but also important computing topics such as advanced databases, spreadsheets, and publishing software. We currently have no course that covers programming and those other topics in one package.

**2. How this new course fits into program(s):**

Initially it will be offered as a service course for other departments. It does not fulfill the programming requirement of the BCIS program.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course introduces computational tools for problem-solving in the Sciences. It introduces computational thinking as a way of breaking down complex problems into smaller, simpler ones.

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

Other Science departments may opt to require this course, or add it to the list of programming courses from which their students can choose. This course will increase the flexibility of those programs, and give students in those programs the computational tools they need in their fields.

**5. Which program areas have been consulted about the course?**

All Science departments have been consulted in the creation of this course. Many faculty members gave valuable input during the creation of the course.

**6. If a new discipline designation is required, explain why:**

N/A

**7. What consideration has been given to indigenizing the curriculum?**

No new opportunities are apparent in this course, beyond those which reflect the more general efforts of the department.

**8. If this course is not eligible for PLAR, explain why:**

N/A

**9. Explain how each of the following will affect the budget for your area or any other area:**

- a. Credit value: Standard 3 credit
- b. Class size limit: Standard 35
- c. Frequency of offering: This is a flagship introductory computing science course designed to attract BSc students and as such will be offered each of the two academic terms and the spring term as student demand dictates.
- d. Resources required (labs, equipment): No new resources are required as section offerings will either replace current offerings, mostly of COMP 150, or be offered on a high demand cost-recovery basis.

**10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?**

N/A

**11. Estimate of the typical costs for this course, including textbooks and other materials:**

Cost should not exceed \$100 per student for textbooks/materials.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Computing for the Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Computer Information Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>An introduction to computing and programming, with applications in the sciences. Imperative programming, computational thinking, advanced spreadsheets, introductory databases, and publication-quality typesetting tools.<br>Note: Competency in computer skills is required. See <a href="#">CIS Required Skills</a> section on the CIS department website for details.                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | One of the following: Principles of Mathematics 12 with a C+ or better, Foundations of Mathematics 12 with a C or better, Pre-calculus 12 with a C or better, MATH 096 with a C or better, MATH 110 with a C or better; or (MATH 094 and MATH 095 with a C or better in both).                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                   |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: center;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> annually                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> December 2, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

COMP 120

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Write computer programs incorporating fundamental programming elements: variables, functions, loops, conditionals, and file input/output.
- Solve complex problems by breaking them into simpler problems.
- Use Linux/Unix command-based operating systems.
- Use advanced spreadsheet tools for analyzing data.
- Manage and query large and complex datasets using relational databases.
- Create publication-worthy documents using advanced typesetting software.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lectures

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.)           | Current ed.                         | Publisher | Year |
|----------------------------|------------------------------------------------|-------------------------------------|-----------|------|
| 1. Haddock, S.             | Practical Computing for Biologists             | <input checked="" type="checkbox"/> | Sinauer   | 2010 |
| 2. Downey, A.              | Think Python                                   | <input checked="" type="checkbox"/> | O'Reilly  | 2012 |
| 3. Langtangen, H.          | A Primer on Scientific Programming with Python | <input checked="" type="checkbox"/> | Springer  | 2012 |
| 4.                         |                                                | <input type="checkbox"/>            |           |      |
| 5.                         |                                                | <input type="checkbox"/>            |           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

None

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 30% | Assignments: | 25% | Midterm exam:     | 25% | Practicum: | %    |
| Quizzes/tests: | 20% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

## Details (if necessary):

### Typical Course Content and Topics

Programming fundamentals in Python.  
 Computational thinking and approaches to problem-solving.  
 The Linux/Unix command line.  
 Advanced spreadsheet functions using Excel.  
 Creating simple graphics in Python and Excel.  
 Introductory databases using Access, MySQL, SQLite or NoSQL.  
 Professional typesetting using LaTeX.



**Memo for New Course COMP 355**

To: Faculty of Science Curriculum Committee

From: Paul Franklin

Date: 12/5/2014

**Subject: Proposal for new course (COMP 355)**

**1. Rationale for new course:**

A third- or fourth-year course in algorithm design and analysis is a core part of the ACM (Association for Computing Machinery) curriculum for a computing science BSc degree. This course will also be of interest to BCIS students with a focus on software development.

**2. How this new course fits into program(s):**

This course will be a mandatory core part of the BSc Computing Science program, and will also be available to BCIS program students as an elective.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course continues the study of algorithms –the core discipline of computing science. A typical list of BSc in Cs learning outcomes would include

- Formulate solutions to computing problems
- Analyze and compare alternative solutions to computing problems
- Design and implement software systems that meet specified design and performance requirements
- Apply advanced algorithmic and mathematical concepts to the design and analysis of software
- Apply sound principles to the synthesis and analysis of computer systems

This course supports those principles and outcomes.

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No.

**5. Which program areas have been consulted about the course?**

PWG members for the proposed CS degree consulted on these courses. The PWG includes members from CIS and Physics.

**6. If a new discipline designation is required, explain why:**

N/A

**7. What consideration has been given to indigenizing the curriculum?**

No new opportunities are apparent in this course, beyond those which reflect the more general efforts of the department.

**8. If this course is not eligible for PLAR, explain why:**

N/A

**9. Explain how each of the following will affect the budget for your area or any other area:**

- a. Credit value: Standard 3 credit
- b. Class size limit: Standard 35
- c. Frequency of offering: This will be a mandatory computing science course designed for BSc degree, and as such will be offered once per academic year as the BSc Computing Science program is introduced. The course will also be available to BCIS students.
- d. Resources required (labs, equipment): No new resources are required.

**10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?**

N/A

**11. Estimate of the typical costs for this course, including textbooks and other materials:**

Cost should not exceed \$100 per student for textbooks/materials.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 355                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Course Full Title:</b> Design and Analysis of Algorithms<br><b>Course Short Title:</b> Design & Analysis: Algorithms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Department (or program if no department):</b> CIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Calendar Description:</b><br>Advanced study of the analysis and design of algorithms and data structures in order to solve common computer science problems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Prerequisites (or NONE):</b> COMP 251 and (MATH 125 or MATH 225) and (STAT 106 [formerly MATH 106] or MATH 270/STAT 270).<br><b>Corequisites (if applicable, or NONE):</b><br><b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                 |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, etc.):</b> annually |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b> December 5, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Dean/Associate VP: Lucy Lee</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |

COMP 355

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Choose the appropriate algorithm to solve a particular computing problem.
- Choose the appropriate data structure for a given application
- Implement commonly used algorithms for sorting, searching and finding shortest paths
- Analyze the performance of an algorithm.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lecture, labs and assignments.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>           | <u>Current Edition</u>   | <u>Publisher</u>     | <u>Year<br/>Published</u> |
|-------------------------------------|-------------------------------------------------------|--------------------------|----------------------|---------------------------|
| 1. Anyan Levitin                    | Introduction to the Design and Analysis of Algorithms | <input type="checkbox"/> | Pearson<br>Education | 2011                      |
| 2.                                  |                                                       | <input type="checkbox"/> |                      |                           |
| 3.                                  |                                                       | <input type="checkbox"/> |                      |                           |
| 4.                                  |                                                       | <input type="checkbox"/> |                      |                           |
| 5.                                  |                                                       | <input type="checkbox"/> |                      |                           |

Have a xxxxxx

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

Details (if necessary):

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Review of data structure and simple algorithms  
 Sorting, searching, stacks, queues, trees.  
 Operations on sets, linked lists, hash tables  
 Directed and undirected graphs  
 Algorithm analysis  
 Algorithm design and problem solving

**Memo for New Course COMP 420**

To: Faculty of Science Curriculum Committee

From: Paul Franklin

Date: 12/5/2014

**Subject: Proposal for new course (COMP 420)**

**1. Rationale for new course:**

A third- or fourth-year course in computers and society is a core part of the ACM (Association for Computing Machinery) curriculum for a BSc degree in computing science. This course will may also be of interest to BCIS students as an alternative to CIS 485 Ethic and Management Issues.

**2. How this new course fits into program(s):**

This course will be a mandatory core part of the BSc Computing Science program, and will also be available to BCIS program students as an elective.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

The course looks in depth at the issues relating to the development and implementation of technology, and the social, cultural, economic, legal and ethical issues the practitioner will have to make decisions about. A typical list of BSc in CS learning outcomes in this area would include

- Think critically and creatively, both independently and with others
- Recognize the social and ethical responsibilities of a professional working in the discipline
- Adapt to new developments in the field of computer science

This course supports those principles and outcomes.

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

No.

**5. Which program areas have been consulted about the course?**

PWG members for the proposed CS degree consulted on these courses. The PWG includes members from CIS and Physics.

**6. If a new discipline designation is required, explain why:**

N/A

**7. What consideration has been given to indigenizing the curriculum?**

There may be opportunities to investigate the effects of digital technology on indigenous peoples.

**8. If this course is not eligible for PLAR, explain why:**

N/A

**9. Explain how each of the following will affect the budget for your area or any other area:**

- a. Credit value: Standard 3 credit
- b. Class size limit: Standard 35
- c. Frequency of offering: This will be a mandatory computing science course designed for BSc degree, and as such will be offered once per academic year as the BSc Computing Science program is introduced. The course will also be available to BCIS students.
- d. Resources required (labs, equipment): No new resources are required.

**10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?**

N/A

**11. Estimate of the typical costs for this course, including textbooks and other materials:**

Cost should not exceed \$100 per student for textbooks/materials.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> COMP 420                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Full Title:</b> Computers and Society<br><b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Department (or program if no department):</b> CIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br>An investigation of the basic cultural, social, legal, economic, and ethical issues inherent in the discipline of computing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Note:</b> Students with credit for CIS 485 cannot take this course for further credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b> 12 credits of 300-level or above in CIS or COMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s): <b>CIS 485 – students may not take both courses for credit.</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Maximum enrolment (for information only):</b> 35<br><b>Expected frequency of course offerings (every semester, annually, etc.):</b> annually                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Department / Program Head or Director:</b> Ian McAskill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> December 5, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of posting:</b> February 13, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> January 9 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> December 19, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |

**COMP 420**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Trace the development of the history of technology and its ramifications on society and individuals.
- Examine the current political, economic, legal and cultural aspects of computing technology.
- Assess the impacts of computing technology in our lives.
- Determine the current legal issues around copyright and patent protection.
- Make ethical decisions about issues concerning the computing practitioner.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lecture, assignments, presentations

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|    | <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                 | <u>Current Edition</u>   | <u>Publisher</u>  | <u>Year Published</u> |
|----|------------------------------------------|-----------------------------------------------------------------------------|--------------------------|-------------------|-----------------------|
| 1. | Baase, Sara                              | Gift of Fire, A: Social, Legal, and Ethical Issues for Computing Technology | <input type="checkbox"/> | Pearson Education | 2013                  |
| 2. |                                          |                                                                             | <input type="checkbox"/> |                   |                       |
| 3. |                                          |                                                                             | <input type="checkbox"/> |                   |                       |
| 4. |                                          |                                                                             | <input type="checkbox"/> |                   |                       |
| 5. |                                          |                                                                             | <input type="checkbox"/> |                   |                       |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 35% | Assignments: | 30% | Midterm exam:     | 35% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

Details (if necessary):

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

History of technology and its effects  
 History of computing technology and how it has affected politics, war, business, culture, and the individual.  
 Legal issues surrounding patents and copyright.  
 The possible impact of current and future technologies.  
 Moral and ethical issues for the computing practitioner.



**Memo for New Course**

To: UEC Screening Committee

From: Maria Bos-Chan (ESL Dept. Head)

Date: Jan 2, 2015

**Subject: Proposal for ESL Business 100****1. Rationale for new course:**

ESL has been offering ESL Business English 75 for many years. The course prepares multi-lingual students for the English language proficiency that is required for first year business courses. However, the number of students with English as an additional language who are taking Business 100 has greatly increased in the last few years and a support course is needed that prepares students specifically for Business 100.

While ESL Business 100 may be seen as a support course for Business 100, it is still a language course and one in which students learn to function in an additional language (English) at a very high level of proficiency. We feel that this language learning should be recognized by attaching academic, rather than developmental, credit to the course. This credit could be used to meet elective requirements in programs that allow for non-program electives.

**2. How this new course fits into program(s):**

The course is not one of the core courses required for the ESL Intermediate, Advanced I, Advanced II, and/or Academic certificate programs. It is an elective that could be added as a possible elective to the Academic certificate program. Students in the University Foundation program (or future Qualifying Studies program) would also be able to take this as one of the optional ESL courses that are required for the program.

**3. Explain how the course learning outcomes align with the learning outcomes of the program(s):**

Both the ESL Academic Certificate program and the University Foundation program prepare students with the language skills required to participate in academic courses. ESL Business 100 focusses on language skills for Business courses, particularly first year Business courses.

**4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?**

NA

**5. Which program areas have been consulted about the course?**

There has been extensive consultation with faculty from the School of Business.

6. If a new discipline designation is required, explain why:

NA

7. What consideration has been given to indigenizing the curriculum?

Every effort will be made to choose course materials, design assignment topics and offer models and examples that reflect global diversity, including first nations diversity.

8. If this course is not eligible for PLAR, explain why:

PLAR cannot be awarded for this course because the language learning component is an essential part of the course.

9. Explain how each of the following will affect the budget for your area or any other area:

- a. Credit value

- No effect. All of our elective courses are currently worth 3 (developmental) credits already.

- b. Class size limit

- No effect. All of our elective courses currently have class maximums of 20

- c. Frequency of offering

- No effect. We expect to reduce the number of offerings of Bu75 and replace those sections with ESL Business 100

- d. Resources required (labs, equipment)

- NA

10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?

NA

Estimate of the typical costs for this course, including textbooks and other materials:

In addition to tuition, costs to students would be for textbooks—typically \$60.00-\$100.00

**ESL 100****Summary of CWC Responses:**

**From:** Maria Bos-chan

Attached are the course outline and memo for a new ESL course that we are submitting for review by the screening sub-committee. Please let me know if there is anything else that should be submitted or if you think there is anything in the memo that should be clarified.

Thank you.

Maria

Maria Bos-Chan  
Associate Professor and  
ESL Dept. Head  
University of the Fraser Valley  
604-504-7441 Ext. 4207

---

**From:** Amanda Grimson

Please reply all with CWC comments on the attached.

The UEC Screening Subcommittee has reviewed this course, and has the following comments:

- Course number (ESL 100) is missing from the course outline.
- Course short title does not need to be filled in, since the full title is less than 30 characters.
- The subcommittee questioned how this will fit with ENGL 105 and CMNS 125, since it is being proposed as university-level credit. English and Communication departments may want to review this course.

---

**From:** Maria Bos-Chan

The course code and number will be ESL 100. The outline form will be completed to show this. As well, the short title will be removed.

Students completing ESL 100 would still need to complete ENGL 105 or CMNS 125 for any programs requiring those courses. ESL students wishing to meet UFV's English language requisite for program admittance would still need to complete WG84 (with a grade of C+) or any of the other options available.

ESL 100 is intended for ESL students who are either taking, or intend to take, BUS 100 as one of their academic options through the University Foundation program. It is also intended for multi-lingual students who have completed the ESL or Foundation program, who have met UFV's English language requirement, and who been admitted to a Business program that requires BUS 100, but who feel they are only minimally proficient to interact orally or complete the reading and/or writing work required in a first year Business course.

We are requesting academic credit for the course based on the breadth and depth of the language learning that ESL 100 will require.

Maria

---

**From:** Kate McCulloch

I wonder about the title of the course - ESL (English as a second language). Isn't ELL (English language learner) more appropriate?

Many thanks,

Kate

Kate McCulloch, MScN, RN, CCHN(C)  
Assistant Professor  
Faculty of Health Sciences, BSN Program

---

**From: Maria Bos-Chan**

ELL is a term used by a number of other English language studies programs including the K-12 programs in the Abby school district. Other terms include EAL (English as an additional language), EOL (English as another language), ELS (English language studies) etc.

The English language studies program at UFV is called English as a Second Language, so that is the name reflected in our course titles. We tend to refer to our students as multi-lingual though, rather than ESL.

Maria

---

**From: Simon Xi**

It is good to see this new initiative at UFV, similar to some other BC public institutions.

Here are some of my thoughts:

1. Is this course going to replace BU 75? If that is the case, do we allow students who have taken BU 75 still to take this course? There are three academic credits.
2. I suggest more pre-requisites are included for ease of registration and reduction of manual waivers. For example, IELTS 5.0 ( all bands), iBT 61 (Writing 15). Or Acceptance to University Foundation program. This can capture those students who have taken ESL courses at mixed levels (missing one or two 60-level ESL courses) or who have the required language scores for the Foundation program. Currently, manual waivers have to be entered for such students.
3. Will students be able to listen to or watch during the course some live business lectures delivered at normal speed and with slight accent? Students sometimes find it hard to comprehend though they have taken the necessary ESL training.
4. Perhaps we need to look for an appealing course title. Since it has three academic credits, do we still need to keep ESL in the title? Academic English for Business? Has consultation been sought from programs as to how useful this course will be?

Thanks for bringing this forward.

Simon Xi  
Educational advisor  
UFV International

---

**From:** Maria Bos-Chan

We don't intend ESL 100 to replace ESL BU75 at this point. We will continue to offer Bu75 in Chandigarh as part of the FIBA preparation program for the BBA, but we will most likely offer fewer sections of Bu 75 here in Abbotsford.

We can definitely add acceptance into the University Foundation program as a prerequisite option. This would also include the IELTS, TOEFL, etc. scores. The other prerequisite options should be kept for now primarily for domestic students who may come into the course through them, rather than through the UFP as it exists now. (The UFP will be affected by the proposed new Qualifying Studies program and at that point we will be looking again at the pre-requisites for this course as well as our other 70 and 80 level courses).

The course delivery indicated in the outline is just a sample of how the course could be delivered. Observations of business lectures (live or video) could certainly be included by an instructor to help students meet the learning outcomes of the course. These could be similar to the classroom visits that students do in our ESL L87 Note-taking course, for example.

As this is an English language studies course, not a business course or an English course, we are not sure that leaving out "ESL" from the course title is something that we can or should do. We are open to suggestions on this.

We have consulted primarily, and rather extensively, with the School of Business in the creation of this course. We have also consulted with UFV International, particularly in regard to the potential interest of international students for academic credit for English language studies courses that could be used as elective credit towards program completion.

Maria

---

**From:** Alisa Webb

I have concerns about this course. Reading the course outline, it seemed very familiar to me. A quick scan showed that the course is remarkably similar to CSM 104: Integrated Academic Learning Skills.

- Both are for International students.
- Both emphasize developing oral and written communication.
- Both point to developing reading and listening skills.
- Both emphasize cross-cultural perspectives.

The only immediate differences are the following:

- ESL 100 is specifically Business focused.
- ESL 100 more specifically emphasizes media skills.
- CSM 104 includes study skills for university success.
- CSM 104 also aims to help students adopt various learning strategies.

Given that the audience is the same and most of the outcomes are the same, I am unsure why ESL 100 is needed. In addition, CSM 104 states as an outcome, "Select, organize, and implement specific learning strategies in the chosen discipline." This means that the course may be tailored for a particular discipline. I wonder, then, if a section of CSM 104 might be offered specifically to BUS students.

I've cc'ed Samantha Pattridge here so that she might comment more specifically from a Communications perspective, as CMNS is the "owner" of CSM 104.

Best,

Alisa

**Dr. Alisa Webb**

Associate Dean of Students

College of Arts

---

**From:** Maria Bos-Chan

In my previous response to Simon Xi, I indicated we had consulted with the School of Business as well as International Education in the creation of this course. I forgot to mention consultation also included the Communications dept, specifically with Samantha Pattridge. My apologies for the omission.

ESL Business 100 is intended to be a support course for multilingual students (domestic and international) who are taking –or intending to take– BUS 100 or similar first year business courses. However, as an ESL course, it is first and foremost a *language* course—one in which multi-lingual students will learn to interact in English within a business context or business classroom context. While there has always been a certain amount of overlap between the disciplines of ESL, English, Adult Basic Education, and Communication, the primary distinction between ESL and these other areas is the focus on English *language* skills for those who have a first language other than English. Language skills included skills such as pronunciation and the suprasegmentals, common English phrasing and vocabulary, familiarity with non-verbal communication cues and other abilities that native English speakers and those multi-linguals highly proficient in English, already have. It is these language skills that differentiate ESL 100 from CSM 104.

With respect to study skills and critical thinking, English language study programs at colleges and universities are almost all EAP (English for Academic Purposes) programs and this is true of our program as well. Our courses are not designed for general settlement purposes. Students looking for this kind of program would access the federally funded LINC programs offered in their communities. Instead, our courses are designed for students who intend to complete a post-secondary credential either here at UFV or elsewhere. As an EAP program, ALL of our courses familiarize students with study strategies and critical thinking skills as well the reading, writing, and oral interaction skills that are expected of students in post-secondary study environments in Canada at institutions where English is the primary language of instruction.

Maria

---

**From:** Samantha Pattridge

Yes, ESL did consult with Communications in the early days of this course's development, though there appears to have been a few changes since then as the course moved through approval processes. CMNS would like to comment on the following:

- Thank you for the clarification that ESL 100 would not be considered as an alternative to CMNS 155 or ENGL 105. This was a concern of some of our faculty members.
- We suggest some revisions to the calendar description and the outcomes of this course to better match with the activities listed in the weekly topics. The calendar description and outcomes sections don't appear to focus on language acquisition and might be misleading. They also show some significant overlap with CSM 104 and CMNS 125 descriptions and outcomes, whereas the course content does not. Furthermore, some of the topics mentioned in the calendar description are not covered in the course content.
- There was some concern that the 100-level is not appropriate for a language acquisition course (that it should be developmental), but I recognize that trends are changing and this is a larger issue we will need to discuss at UEC so we can determine our institutional direction.

I appreciate the opportunity to comment, Maria, and I'm looking forward to our discussions at UEC about this course.

Best regards,

Samantha

---

**From:** Maria Bos-Chan

Thank you for these comments and suggestions. We will work on bringing the calendar description and outcomes more in line with activities suggested in the weekly topics (and vice versa) so that the language acquisition focus of the course content is more apparent.

There is certainly a trend at the post-secondary level to recognize English language learning with academic credit. For example, in the US, at MIT, all ESL courses are credit bearing and are considered equivalent to any of the courses offered by the faculty of Language and Literature Dept. The University of Iowa allows up to 15 credits towards a credential to come from ESL courses.

In Canada, in addition to the University of Ottawa where students have long been able to earn a BA with a major or minor in ESL, there are several other examples of institutions that give academic credit for ESL courses. One example is McGill, which allows ESL students to earn up to 21 credits that may be used as elective credits towards a credential. Another example is the University of Winnipeg where students can earn 3 elective credits through ESL courses.

Closer to home, UNBC gives 1 academic credit for each lower level ESL course, 3 credits for the advanced level, and a total of 9 credits for courses taken at the Bridge level. Capilano allows 3-6 credits from ESL courses to be used as electives. VIU allows 3 unassigned credits from ESL towards a credential. TRU allows credits from ESL to be used towards its Certificate in Global Competency.

Here at UFV, TESL program students have always been able to use ESL WG84 as a way to fulfill the Category 2 course requirement.

Maria

---

**From:** David McGuire

The existing ESL BU75 course is a very good preparatory course for students intending to study business, and UFV International fully supports the idea of ESL students at the bridging level getting academic credit, much like all UFV students studying modern languages can do. We have already indicated support for this in principle but with more details now available, I thought it would be prudent to have other members of our team weigh in on the proposal.

There are a few questions and concerns, however:

1. It is routine for us to register incoming international students into the existing ESL BU75 course *and to advise current international students to register* when their program goal is Business. Currently, students at levels 60 through 80 can be registered. With this change, students at the 60-level will not have this as an option.
2. ESL BE 100 includes a research essay. Students at 70-level don't normally take university-level courses that include essay writing. OIRP outcomes data seems to indicate that students have difficulty with writing-intensive courses at that level. Upgrading students do a research essay in ESL WG84. What expectations would there be on length, format, etc.?
3. Grades in ESL BE 100 would be included in students credit (academic) GPA. Students at 70-level (Foundations level 1) normally take an academic elective. If they were to take ESL BE 100 and an academic elective, there is a risk that low grades would put them in jeopardy.

4. Presumably, students could use ESL BE 100 as a general education elective in the business program. Currently, students use CSM 104 (currently required at level 80) as their business education elective. They would not be able to apply both courses to the *BBA* program.
5. There is some overlap in ESL BE 100 and CSM 104 but they are targeted to different levels.
6. Would ESL BE 100 transfer to other institutions as an academic course?
7. Significant changes are currently being planned for bridging program areas at UFV. Until details are available, it's not clear how both ESL BE 100 and CSM 104 would fit.
8. Attaching academic credit to ESL course(s) would be attractive to and beneficial for students, but there might be a better case made for doing this at the bridging level, for ESL WG84 for example. Most ESL students take WG84, so this would benefit a wider group of students.

-Dave

---

**From:** Maria Bos-Chan

Thank you for the detailed response. I will reply to each of the number points in order.

1. We are certainly prepared to work with UFV International advisors if there are issues with advising and registering international students into the proposed course.
2. Any writing done in ESL 100 will be in a supported language environment, similar to the methodology used in all of our ESL writing courses.
3. ESL courses are designed for student success. Students meeting the pre-requisites for ESL 100 will have the entry skills necessary to succeed in the course, and successful completion of the course will help these students succeed in their business course(s). It is anticipated that all of this will have a positive, rather than a negative, effect on their academic GPA.
4. CSM 104 is a requirement for students in the University Foundation program. UFP students could choose to use either CSM 104 or ESL 100 to fulfill the education elective for Business credentials. However, not all students taking (or intending to take) business courses come through the UFP. Non-UFP students not taking CSM 104 would then be able to use ESL 100 towards the education elective.
5. As indicated in a previous message, ESL 100, like all ESL courses, are language courses. It is common for language courses to take a theme based approach, and this is how it is expected that the content of ESL 100 will be delivered. The classroom activities and assignments will be the media through which students will meet the language outcomes of the course. We are currently revising the weekly schedule included in the outline to better reflect this. So while there may appear to be some similarity in content between ESL 100 and CSM 104, we feel that that any similarities are more perceptual than actual. Hopefully the revisions will clarify this. In regards to the observation about levels, ESL 100 has been designed so that students meeting the pre-requisites for the course will have the entry skills necessary to succeed in the course.
6. All of our core ESL courses are articulated provincially through BCCAT. ESL 100 would be an ESL elective and these are not usually presented for articulation at the annual ESL articulation meetings because the specific course content does not meet the wider ESL articulation standards. However, it will be included in the ESL articulation guide as (unarticulated) elective. If there are other institutions offering a similar course, articulation might be a possibility.



7. We do anticipate the proposed Qualifying Studies Program to impact our upper level ESL courses, particularly those that are currently required for the University Foundation Program. At this point we do not know exactly what that impact may be.
8. We are currently reviewing our 70 and 80 level core courses. Once that has been completed, it is our intention to submit these for credit approval as well.

Maria

---

Many thanks for engaging in the conversation. I understand from Samantha that she has since spoken with you further about this course, so I'll leave her to continue the curriculum discussion as well as to more clearly articulate outcomes which reflect the focus of the course.

My final point, then, relates to credit value. Given that this course is intended to further develop language skills in order for students to be successful in BUS 100, the course should sit at the developmental level, as other ESL courses do, rather than on par with BUS 100. If I've misunderstood this intention, I apologize.

Best,

Alisa



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|---|----------------------|--|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: ESL 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | Number of Credits: 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Course Full Title: ESL Business English<br>Course Short Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Faculty: Faculty of Access and Continuing Studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Department (or program if no department): ESL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Calendar Description:</b><br>This course teaches English language learners the language skills necessary for a Canadian first year business course. Students participate in classroom activities and complete assignments similar to those in a first year business course but in a supported language environment.                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Note:</b> Students with credit for                      cannot take this course for further credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Prerequisites (or NONE):</b> (ESL WG64, RV68, and S66) or (ESL assessment at 70 level or higher in all skill areas) or (prerequisites required for University Foundation Program Level 1).<br><b>Corequisites (if applicable, or NONE):</b> none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">20</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">20</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td style="text-align: right;">5</td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20 | Seminars/tutorials/workshops | 20 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities | 5 | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): every semester                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Department / Program Head or Director: Maria Bos-Chan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | Date approved: December 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Date of posting: February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Date approved: December 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Dean/Associate VP: Sue Brigden                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Date approved: January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | Date of meeting: February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |   |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Read and write English at a level that is necessary to complete the reading and writing tasks and assignments that are typical in a first year business course.
- Speak and comprehend English at a level that is necessary to complete oral based interactions, tasks, and assignments that are typical in a first year business course such as those involved in paired and group work and asking and responding to questions.
- Use interpersonal skills, including non-verbal communication skills and conversation management skills, that are typical in English language interactions in a first year business course.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes      ☒ No, PLAR cannot be awarded for this course because the language-learning component is an essential part of the course.

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

The students will learn through quizzes, writing assignments, electronic media (BBL and PPT), teamwork, presentations and lectures.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                        | <u>Current Edition</u> | <u>Publisher</u> | <u>Year Published</u> |
|------------------------------------------|--------------------------------------------------------------------|------------------------|------------------|-----------------------|
| 1. Cotton, Falvery & Kent                | Intermediate Market Leader: Business English Course Book           | Most Current           | Pearson          | x                     |
| 2. English & Lynn                        | Business Across Cultures: Effective Communication Strategies       | Most Current           | Pearson          | x                     |
| 3. Strutt                                | Business Grammar and Usage: Market Leader Business English         | Most Current           | Pearson          | x                     |
| 4. Pilbeam                               | Working Across Cultures: Market Leader Business English            | Most Current           | Pearson          | x                     |
| 5. Grussendorf                           | English for Presentations: Oxford Business English: Express Series | Most Current           | Pearson          | x                     |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**
**Typical Evaluation Methods and Weighting**

|                |     |              |     |                      |     |            |      |
|----------------|-----|--------------|-----|----------------------|-----|------------|------|
| Final exam:    | %   | Assignments: | 35% | Midterm exam:        | %   | Practicum: | %    |
| Quizzes/tests: | 25% | Lab work:    | %   | Field experience:    | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other: Presentations | 40% | Total:     | 100% |

**Details (if necessary):**

|                                                        |     |
|--------------------------------------------------------|-----|
| Quizzes                                                | 25% |
| Research/Essay Assignment (SWOT Analysis of a Company) | 15% |
| Business Article Summaries (on line)                   | 5%  |
| Formal Business Report (on line)                       | 5%  |
| Business Email                                         | 5%  |
| Role-play                                              | 5%  |
| Individual Presentation                                | 15% |
| Case-study Team Presentation                           | 25% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Week 1</b> <ul style="list-style-type: none"> <li>• <b>Course Expectations</b></li> <li>• <b>Blackboard Learn orientation</b></li> <li>• <b>Theme:</b> Brands</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- discussion strategies</li> <li>- business terminology related to brands and marketing</li> <li>- simple present vs. present continuous</li> <li>- effective use of passive forms</li> </ul> </li> </ul>                                                                              | <b>Week 2</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Brands</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- comprehension and production of social register in formal emails</li> <li>- transitions</li> <li>- key words</li> <li>- synonyms</li> <li>- pronouns</li> </ul> </li> </ul>                                                                                                                                                                                                         |
| <b>Week 3</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Business Travel Industry</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- variations of future forms</li> <li>- British and American English</li> <li>- terminology related to the business travel industry</li> <li>- variations between formality and informality in speaking and writing</li> <li>- citation conventions</li> <li>- effective listening and speaking for clarification and confirmation</li> </ul> </li> </ul> | <b>Week 4</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Business Travel Industry</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- proper format of a formal business report</li> <li>- agreeing and disagreeing</li> <li>- offering opinions</li> <li>- interruptions</li> <li>- asking for and giving clarification</li> <li>- asking for and giving re-statements + repetitions</li> <li>- summarizing</li> </ul> </li> </ul>                                                                     |
| <b>Week 5</b> <ul style="list-style-type: none"> <li>• <b>Case-study Group Presentations</b></li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- effective use of determiners</li> <li>- effective presentation language</li> <li>- pronunciation and suprasegmentals for oral fluency</li> </ul> </li> </ul>                                                                                                                                                                                             | <b>Week 6</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Advertising</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- note taking</li> <li>- terminology related to advertising media</li> <li>- summarizing and responding based on comprehension of major and minor support</li> </ul> </li> </ul>                                                                                                                                                                                                 |
| <b>Week 7</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Culture and Business</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- modals of advice, obligation, and necessity</li> <li>- verbal and nonverbal language skills related to cultural protocol and etiquette in a business setting</li> </ul> </li> </ul>                                                                                                                                                                         | <b>Week 8</b> <ul style="list-style-type: none"> <li>• <b>Case-study Group Presentations</b></li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- formal business report</li> <li>- listening for comprehension</li> <li>- forming and responding to questions</li> </ul> </li> </ul>                                                                                                                                                                                                                                |
| <b>Week 9</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> SWOT analysis</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- formal essay writing</li> <li>- explicit thesis statements</li> <li>- paragraph unity</li> <li>- coherence in writing</li> <li>- integrating evidence</li> <li>- effective conclusions</li> </ul> </li> </ul>                                                                                                                                                      | <b>Week 10</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Ethics in Business</li> <li>• <b>Individual Presentations</b></li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- narrative tenses</li> <li>- listening for main ideas and key points</li> <li>- getting your point heard in a discussion</li> <li>- terminology as it relates to ethics in business</li> </ul> </li> </ul>                                                                                                                   |
| <b>Week 11</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Leadership in Business</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- adjectives and adverbs for describing character</li> <li>- restrictive and nonrestrictive adjective clauses</li> <li>- word forms</li> <li>- phrasal verbs</li> </ul> </li> </ul>                                                                                                                                                                        | <b>Week 12</b> <ul style="list-style-type: none"> <li>• <b>Theme:</b> Leadership in Business</li> <li>• <b>Language Focus</b> <ul style="list-style-type: none"> <li>- presentation skills within a Canadian cultural context <ul style="list-style-type: none"> <li>- welcoming</li> <li>- providing background</li> <li>- inviting questions</li> <li>- structuring the presentation</li> <li>- referring to presentation materials</li> <li>- referring to audience knowledge</li> <li>- concluding</li> </ul> </li> </ul> </li> </ul> |
| <b>Week 13</b> <ul style="list-style-type: none"> <li>• <b>Revise SWOT research essay</b></li> <li>• <b>Individual presentations</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 | <b>Week 14</b> <ul style="list-style-type: none"> <li>• <b>Individual presentations</b></li> <li>• <b>Submit SWOT research essay</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                           |

**Memo for Course Changes**

To: Jacqueline Nolte, Dean, College of Arts  
Amanda Grimson, UEC assistant; Rebekah Brackett, Committees Assistant

From: Steven Marsh, Department head

Date: 2015 January 8

**Subject: Proposal for revision of GEOG 314, 360, and 364**

1. Summary of changes (select all that apply):
  - ☐ Six-year review
  - ☐ Number and/or course code
  - ☐ Credits and/or total hours
  - ☐ Title
  - ☐ Calendar description
  - ☒ Prerequisites and/or co-requisites
  - ☐ Frequency of course offering
  - ☐ Learning outcomes
  - ☐ Delivery methods and/or texts and resource materials
  - ☐ PLAR options, grading system, and/or evaluation methods
  - ☐ Discontinuation of course
  - ☐ Other – Please specify:
2. Rationale for change:

Open up the courses to all students with lower-level credits and simplifies pathways. The nature of the courses are such that student experience is required, but not necessarily in Geography.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? n/a
5. Which program areas have been consulted about the change(s)? GATE – approved at the 2014 10 30 department meeting.
6. What consideration has been given to indigenizing the curriculum? n/a
7. If this course is not eligible for PLAR, explain why:
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? No change
10. Estimate of the typical costs for this course, including textbooks and other materials: n/a

**From:** Myra Hughes  
**Sent:** February-17-15 3:46 PM  
**To:** cwconsult; Amanda Grimson  
**Cc:** Rebekah Brackett; Steven Marsh  
**Subject:** FW: Geography course changes - updates made as requested

Updated as requested.

---

**From:** Amanda Grimson  
**Sent:** Thursday, February 12, 2015 4:22 PM  
**To:** cwconsult  
**Cc:** Rebekah Brackett; Myra Hughes; Steven Marsh  
**Subject:** Geography course changes

Please reply all with CWC comments on the attached.

The UEC Screening Subcommittee has reviewed these courses and has the following comments.

**GEOG 314:**

- Special topics checkboxes need to be completed.
- On the second page, the grading system (i.e. letter grades) and laboratory hours checkboxes need to be completed.

**GEOG 360:**

- As the title is longer than 30 characters, a short title is required.
- On the second page, the grading system and laboratory hours checkboxes need to be completed.

**GEOG 364:**

- As the title is longer than 30 characters, a short title is required.
- On the second page, the grading system and laboratory hours checkboxes need to be completed.
- Learning outcomes #3 and #6 are identical; suggest a demonstrable verb rather than "Think innovatively".
- Other learning outcomes (such as "Appreciate the need to understand...") may need to be revised before UEC will approve them.

**GEOG 492:**

- Is instructor's permission required as a prerequisite for all students, or only for those who do not have GEOG 491?
- Adding specific upper-level courses to the prerequisites will require notice in the calendar, unless there is no possibility that students who satisfy the current prerequisites will not satisfy the revised prereqs. What should the interim prerequisites be? (For instance, one possibility might be "Admission to the Geography Honours program and one of the following: (one of GEOG 396, 398, 400G, 400J, 402, 410, 419, 440, 458, or 491) or (30 upper-level credits in Geography), and instructor's permission. Note: As of September 2016, prerequisites will change to the following: Admission to the Geography Honours program and one of the following: GEOG 396, 398, 400G, 400J, 402, 410, 419, 440, 458, or 491, and instructor's permission.")



ORIGINAL COURSE IMPLEMENTATION DATE: September 2012  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) March 2018  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|---|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> GEOG 314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Geography of Food                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Department (or program if no department):</b> Geography and the Environment                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>The geography of food and cuisine is explored around the world through film, reading, and tasting. Topics: geography of food production, spatial justice and food security, spaces of food consumption, and global cuisines; food security in a globalized world. Field trips outside of class time may be required.</p> <p>Note: Students with credit for GEOG 443 cannot take this course for further credit.</p>                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | One of the following: GEOG 240, GEOG 241, GEOG 242, SOC 265, or 45 university-level credits. Note: As of September 2016, prerequisites will change to the following: 45 university-level credits.                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s): <b>GEOG 443</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                          |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>24</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>30</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td>6</td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>60</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours | 6 | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Maximum enrolment (for information only):</b> 28<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Annually                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Lynn Kirkland Harvey (Interim)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Dr. Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |   |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

1. Demonstrate, in written and verbal assignments, an understanding of culinary geography on a global scale.
2. Identify key issues in food security and the challenges facing Canadian and global food systems.
3. Explain, using written and oral argument, the spatial theories associated with food in urban and rural settings.
4. Discuss in online and oral formats current thought on the human role of cuisine in the formation of national identity.
5. Explain the connections between spatial justice and food security.
6. Identify and demonstrate the key methodological techniques used to undertake study in the area of culinary geography.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lecture format, online discussions and collaboration, guest lectures, seminars, and field trip(s).

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

|    | Author (surname, initials) | Title (article, book, journal, etc.)               | Current ed.              | Publisher               | Year |
|----|----------------------------|----------------------------------------------------|--------------------------|-------------------------|------|
| 1. | Miller, J. & Deutsch, J.   | Food Studies: An Introduction to Research Methods. | <input type="checkbox"/> | Berg Publishing         | 2010 |
| 2. | Atkins, P. & Bowler, I.    | Food in society: Economy, culture, geography.      | <input type="checkbox"/> | Arnold                  | 2000 |
| 3. | Zola, E.                   | The Belly of Paris                                 | <input type="checkbox"/> | Oxford University Press | 2001 |
| 4. |                            |                                                    | <input type="checkbox"/> |                         |      |
| 5. |                            |                                                    | <input type="checkbox"/> |                         |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Mandatory field trips with additional fees. Details are available on course outlines distributed in class.

**Typical Evaluation Methods and Weighting**

|                |     |                                  |     |                     |     |            |      |
|----------------|-----|----------------------------------|-----|---------------------|-----|------------|------|
| Final exam:    | %   | Assignments:                     | 20% | Midterm exam:       | %   | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:                        | %   | Field experience:   | %   | Shop work: | %    |
| Final Essay:   | 40% | Online Discussion Participation: | 10% | Class Presentation: | 30% | Total:     | 100% |

**Details (if necessary):**

The class presentation will involve primary research into a space associated with the food production and consumption chain.

**Typical Course Content and Topics**

Week 1: A brief history of food: From hunter/gatherer to Kitchen Stadium  
 Week 2: Spatial approaches to food: The LA School, third space, and spatial justice  
 Week 3: The world on a plate: Touring the world's cuisine  
 Week 4: The rise of the restaurant: Spaces of consumption through the ages  
 Week 5: Industrial Agriculture and the rise of the local food counter movements  
 Week 6: Field trip: Exploring Granville Island and other Vancouver food spaces  
 Week 7: Urban agriculture in the industrial and developing world  
 Week 8: Food security and the rise of culinary geography  
 Week 9: Cuisine and Nationalism: Slow food and Chisan Shiso  
 Week 10: Shifting spaces of cuisine: Understanding diaspora foods  
 Week 11: Indigenous cuisine and wild foods of North America  
 Week 12: Food on wheels: Street foods, picnics and barbeques. Role of food in the cityscape  
 Week 13: Food Porn: Mass media and the rise of the celebrity chef  
 Week 14: Emerging issues in food security





**ORIGINAL COURSE IMPLEMENTATION DATE:** September 1995  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED: (six years after UEC approval)** May 2018  
**Course outline form version: 09/15/14**

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|----|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> GEOG 360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Introduction to Regional and Community Planning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Regional and Community Planning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Geography and the Environment                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>Planning is an action-oriented profession, addressing ecological, social, economic, design, and land use challenges on local or regional scales. This applied project course is important for students interested in pursuing a career in local government, development, or planning. Field trips outside of class time may be required.                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | One of the following: GEOG 240, GEOG 241, GEOG 242, KPE 130, or 45 university-level credits. Note: As of September 2016, prerequisites will change to the following: 45 university-level credits.                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">10</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: right;">20</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30 | Seminars/tutorials/workshops | 10 | Laboratory hours |  | Field experience hours | 20 | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Maximum enrolment (for information only):</b> 28<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Once every year                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Lynn Kirkland Harvey (Interim)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Dr. Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |

**GEOG 360**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Apply core geographic concepts to the study of urban planning in North America.
- Assess the impacts of early planning theories and approaches to urban planning on the surrounding urban form.
- Describe and critique current planning theories and trends in North America.
- Explain and critique the economic, political and cultural processes shaping and influencing North American urban form.
- Demonstrate proficiency in improved oral, verbal and critical thinking skills within the discipline.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Techniques include use and critique of readings, lectures by the instructor, seminar discussion, applied projects, field trips and the presentation of case studies by students and guest lecturers.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)                                                       | Current ed.              | Publisher                   | Year |
|----------------------------|--------------------------------------------------------------------------------------------|--------------------------|-----------------------------|------|
| 1. Hodge, G.               | Planning Canadian Communities: Introduction to the Principles, Practice, and Participants. | <input type="checkbox"/> | Toronto: ITP, Nelson Canada | 2007 |
| 2.                         |                                                                                            | <input type="checkbox"/> |                             |      |
| 3.                         |                                                                                            | <input type="checkbox"/> |                             |      |
| 4.                         |                                                                                            | <input type="checkbox"/> |                             |      |
| 5.                         |                                                                                            | <input type="checkbox"/> |                             |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

There is a field trip fee for the course.

**Typical Evaluation Methods and Weighting**

|                                       |     |                |     |                                   |     |            |      |
|---------------------------------------|-----|----------------|-----|-----------------------------------|-----|------------|------|
| Final exam:                           | %   | Assignments:   | %   | Midterm exam:                     | 30% | Practicum: | %    |
| Quizzes/tests:                        | %   | Lab work:      | %   | Field experience:                 | %   | Shop work: | %    |
| Field Trip Reports/<br>Participation: | 20% | Group Project: | 30% | Personal Planning<br>Perspective: | 20% | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

**Week 1** Why Plan? Course Requirements and Themes; Group Project Options

**Week 2** Tour of Fraser Valley Planning Trends and Course Project Site

**Week 3** History of Planning

**Week 4** Physical Foundations of Canadian Communities; Legal Basis for Planning; Planning Tools/Comprehensive Plan

**Week 5** Urban Design and Sustainability

**Week 6** Community Participation; Community Mapping; Parks Planning: Promontory to Pitt Meadows

**Week 7** Social Agents and Planning; Women and Urban Form; Community Participation

**Week 8** Midterm; Project Preparation

**Week 9** Community Mapping/Survey Analysis

**Week 10** Principles of Urban Design; New Urbanism; Seattle or Whistler Field Trip

**Week 11** Project Session; New Urbanism; Planning Theories and Techniques

**Week 12** International Planning; Selected Case Studies

**Week 13** Future of Planning; Project Presentations

Note: Field trips outside of class time may be required. Please refer to department website for field trip scheduling information.



ORIGINAL COURSE IMPLEMENTATION DATE: May 2013  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) May 2019  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|----|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> GEOG 364                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Full Title:</b> International Planning and Development: Adapting to Climate Change<br><b>Course Short Title (if title exceeds 30 characters):</b> International Planning: Climate Chge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Geography and the Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br><br>Urban and rural development strategies within the context of climate change, globalized economies, technological change, demographic shifts, and environmental degradation. Designed for those pursuing a local or international career in planning and development. Field trips outside of class time may be required.                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | One of the following: GEOG 201, GEOG 211, GEOG 240, GEOG 242, or 45 university-level credits. Note: As of September 2016, prerequisites will change to the following: 45 university-level credits.                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">18</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: right;">12</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours | 12 | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Maximum enrolment (for information only):</b> 30<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b>                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Department / Program Head or Director:</b> Lynn Kirkland Harvey (Interim)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Dr. Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |    |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Apply core geographic concepts to the study of and impact of planning techniques and climate change in the non-western world.
- Assess theories and historical approaches to planning and development in varied cultural contexts.
- Evaluate alternative planning and policy approaches to improve both processes and outcomes of communities.
- Explain and critique the economic, environmental, political, and cultural processes shaping and influencing sustainability of urban form in the non-western world.
- Appraise critically conceptual, empirical, and methodological approaches to vulnerability assessment and climate adaptation planning.
- Critique local circumstances in transferring best practices across countries and cities.
- Apply skills essential for 'climate-proofing' development and planning initiatives in the international context.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

This course includes critique and discussion of readings, international reports and relevant media related to the field of international planning and climate change. Course delivery consists of a combination of lectures by the instructor, seminar discussion, applied projects and the presentation of case studies by students. The course will be designed for an on-line or hybrid learning platform and will require mutual and collaborative learning.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

|    | Author (surname, initials)     | Title (article, book, journal, etc.)                                                                | Current ed.              | Publisher                   | Year |
|----|--------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|------|
| 1. | Alam, M., Golam Rabbani, M. D. | Vulnerabilities and Responses to Climate Change for Dhaka.                                          | <input type="checkbox"/> | Environment & Urbanization  | 2007 |
| 2. | Arnold, D.G.                   | The Ethics of Global Climate Change.                                                                | <input type="checkbox"/> | Cambridge University Press. | 2011 |
| 3. | Baker, J.                      | Climate Change, disaster risk, and the urban poor: cities building resilience for a changing world. | <input type="checkbox"/> | World Bank                  | 2012 |
| 4. | Beriatos E. et al              | Sustainable Planning and Development.                                                               | <input type="checkbox"/> | New York: Routledge         | 2012 |
| 5. | Bicknell                       | Adapting Cities to Climate Change: Understanding and addressing development challenges.             | <input type="checkbox"/> | Earthscan                   | 2009 |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

There may be fees associated with field work required for this course. Students will require access to internet and a computer that can view YouTube videos and other media sources.

**Typical Evaluation Methods and Weighting**

|                     |     |                                |     |                   |     |            |      |
|---------------------|-----|--------------------------------|-----|-------------------|-----|------------|------|
| Field Trip Reports: | 20% | Personal Planning Perspective: | 15% | Midterm exam:     | %   | Practicum: | %    |
| Quizzes/tests:      | %   | Lab work:                      | %   | Field experience: | %   | Shop work: | %    |
| Participation:      | 10% | Research Paper:                | 30% | Group Project:    | 25% | Total:     | 100% |

**Typical Course Content and Topics**

Lecture and seminar topics include:

Week 1: Planning in non-western context: reality in global world

Week 2: Planning and climate change: a primer

Week 3: Understanding vulnerabilities to climate change

Week 4: Decision analysis for mitigation of risks and hazards posed by climate change

Week 5: Administrative levels at which development and land use planning takes place

Week 6: Mid-term

Week 7: Ethic of climate change considering critical themes of gender, environmental justice and participatory practices

Week 8: Policy, internal actors in development, land use, decentralization, poverty, urban-rural linkages, and corruption all considered in relationship to planning

Week 9: Tools and strategies for mitigation; climate proofing development projects

Week 10: Link between planning power and legitimacy and impact on marginalized groups

Week 11: External actors and impact on settlement form; selected case studies

Week 12-13: Group presentations of applied planning and climate change projects

Week 14: Final

**Memo for Course Changes**

To: Undergraduate Education Committee, Jacqueline Nolte, Dean, College of Arts

From: Lynn Kirkland Harvey, GATE Interim Department Head

Date: 2014 November 12

**Subject: Proposal for revision of GEOG 492**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

6 year review – prerequisite changes increases number of options.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): n/a
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? n/a
5. Which program areas have been consulted about the change(s)? n/a
6. What consideration has been given to indigenizing the curriculum?
7. If this course is not eligible for PLAR, explain why: n/a
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
- a. Credit value            n/a
  - b. Class size limit        n/a
  - c. Frequency of offering   n/a
  - d. Resources required (labs, equipment)   n/a
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? n/a
10. Estimate of the typical costs for this course, including textbooks and other materials: n/a



**ORIGINAL COURSE IMPLEMENTATION DATE:** March 2007  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED: (six years after UEC approval)** February 2021  
**Course outline form version: 08/25/14**

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|------------------|--|------------------------|----|--------------------------------------------|--|----------------------------|--|---------------------------------------------------------------------------------------------------|----|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> GEOG 492                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Full Title:</b> Honours Research Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> Geography and the Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>CALENDAR DESCRIPTION:</b><br><p>In this course, an Honours student will demonstrate advanced library and field data collection and interpretation, and written and visual analysis in a particular geographic subject area. Upon completion of the project's written component, the student will be required to present their research in a public venue.</p>                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Admission to the Honours Geography (Bachelor of Arts) program, (GEOG 491 or one of the following: GEOG 396, GEOG 398, GEOG 400G, GEOG 400J, GEOG 402, GEOG 410, 419, GEOG 440, or GEOG 458), and instructor's permission.                                                                                                                                                                                                                                                                                                        |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total Hours: 75</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td></td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td style="text-align: center;">15</td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours: Meetings with Supervisor; student-directed learning; conference presentation</td><td style="text-align: center;">60</td></tr> <tr><td><b>Total</b></td><td style="text-align: center;"><b>75</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours | 15 | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: Meetings with Supervisor; student-directed learning; conference presentation | 60 | <b>Total</b> | <b>75</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 6<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> On demand |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Other contact hours: Meetings with Supervisor; student-directed learning; conference presentation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 60        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>75</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Department / Program Head or Director:</b> Lynn Kirkland-Harvey (Interim)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> October 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |  |                  |  |                        |    |                                            |  |                            |  |                                                                                                   |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Demonstrate an advanced (fourth-year or graduate school equivalent) level of geographic interpretation and analysis of findings of research completed in GEOG 491 or equivalent course.
- Engage in sound and effective argumentation that supports the central research hypothesis.
- Situate their original research within the broader field of related research, and identify areas for further research.
- Present their research in written form and in a formal oral presentation in an academic setting.
- Articulate understanding of the issues and theories in a given geographic subject area,
- Demonstrate skills in data collection, commensurate with graduate and/ or professional work in geography or a related field.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because the Honours project is an integrative, capstone project that takes place at the end of one's program, and which requires instructor supervision and evaluation of a research project over two terms.

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Independent study involving one-to-one consultation between Honours project supervisor and student; self-directed compilation, analysis, and presentation of research findings.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.              | Publisher | Year |
|----------------------------|--------------------------------------|--------------------------|-----------|------|
| 1. None                    |                                      | <input type="checkbox"/> |           |      |
| 2.                         |                                      | <input type="checkbox"/> |           |      |
| 3.                         |                                      | <input type="checkbox"/> |           |      |
| 4.                         |                                      | <input type="checkbox"/> |           |      |
| 5.                         |                                      | <input type="checkbox"/> |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Specific to research project; some travel and/or equipment fees (e.g. batteries) may be incurred by student.

**Typical Evaluation Methods and Weighting**

|                                                                                           |                                                                                                                                                                                                                  |                     |              |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|
| Final exam: %                                                                             | Assignments: 65%<br>• Compilation and Original Analysis of Research Materials (Findings) 45%<br>• Overall quality/ formatting/ proofreading of full thesis, including literature review, frontpieces, etc. (20%) | Midterm exam: %     | Practicum: % |
| Quizzes/tests: %                                                                          | Lab work: %                                                                                                                                                                                                      | Field experience: % | Shop work: % |
| Visual presentation of research findings, as part of a research poster or alternative 20% | Formal presentation of research findings before an academic audience: 15%                                                                                                                                        | Other: %            | Total: 100%  |

**Details (if necessary):**

Each student will work directly with their instructor to identify the timeline for completing original research. In some cases, data collection will need to be completed over two terms. If this is the case, then evaluation of data collection will take place in both GEOG 491 and GEOG 492/493.

The final research project mark will be assessed primarily by the student's Honours supervisor, with additional assessment and approval of the final grade by the standing departmental Honours Assessment Committee (HAC). A final grade acceptable to both the supervisor and HAC will be submitted on the student's behalf.

**Typical Course Content and Topics**

Course content varies by research project. The requirements of the individual project will be devised in consultation with the student's Honours supervisor.

**Memo for Course Changes**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department head

Date: January 14, 2015

**Subject: History 329: Canadian Family History**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☐ Calendar description
- ☐ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☒ Other – Please specify: Re-activate course.

2. Rationale for change: HIST 329 was accidentally discontinued in May 2013. The information provided by the History department was misinterpreted and the course was discontinued by mistake. The original request asked that HIST 329 be removed from the calendar as it was not being offered on a regular basis. It was the department's understanding that the course would remain active but be removed from the online calendar.



**From:** Amanda Grimson  
**Sent:** January-14-15 4:31 PM  
**To:** Alisa Webb; Nicole Kungle  
**Cc:** Chris Leach; Rod McLeod; Darren Francis; Samantha Pattridge  
**Subject:** RE: HIST courses

Hi Alisa,

Thanks for explaining. I suspect you may have been given some incorrect information, as it has always been my understanding that a course I not removed from the calendar unless it is officially discontinued. This is the advice I have given to several other departments over the last few months, but I am copying UEC's chair (Rod McLeod), vice chair (Darren Francis), and past chair (Samantha Pattridge) to see if one of them has information that might contradict this.

The memo that came to UEC that resulted in a number of courses being discontinued begins on page 104 of the April 26, 2013 agenda package: <http://www.ufv.ca/media/assets/senate/uec/2012-13/Undergraduate-Education-Committee---26-Apr-2013.pdf>. Based on your explanation and the rationale given for each course, I believe that the department's intention was not to discontinue HIST 319, 329, 428, and 484, but just to remove them from the calendar (which, as I mentioned above, is not typically done).

I suggested to Nicole that since this was based on misconceptions and possibly incorrect advice, we might be able to "undo" the discontinuation of these particular courses (or if you wish, only HIST 329). Although we do not typically "resurrect" a course without a new course outline being submitted through the approval process, I think this could be treated as a special case. Rod and/or Darren may disagree however, so I'll ask them to add their feedback to this conversation. At the very least, this should probably go back to UEC for approval to "fix" the error. If everyone is in agreement on this going back to UEC, I would need an explanatory memo from History by next Wednesday, Jan. 21.

Amanda

**From:** Alisa Webb  
**Sent:** January-14-15 10:05 AM  
**To:** Amanda Grimson; Nicole Kungle  
**Cc:** Chris Leach  
**Subject:** HIST courses

Good morning Amanda,

I've been speaking with Nicole about the issues around the HIST courses that were included in memos in 2013-14. I agree that there has been miscommunication in terms of departmental intent. I know you were away while all of this was happening (mat leave... you're allowed! ☺), so I thought it would be useful to share what I was told.

At the time, responding to requests from the Dean of Arts and to the Program Review process, History was told it needed to remove courses from the calendar that were not being taught on a two-year rotation, etc. There was concern about the complete removal of courses – i.e. that we would not be able to ever teach those courses again or that they would not be available should we have a sessional

instructor capable of teaching them – so I inquired about options. I was told that courses could be removed from the calendar, but remain “active” in that they could be offered again. They just wouldn’t appear in the calendar. This would address the false advertising of courses we were not regularly offering. I was also told that the courses would remain available for transfer credit use because, technically, they were still on the books – just not published in the calendar. History proceeded to clean up its offerings with this understanding.

The immediate issue, then, is HIST 329. We elected to, as we thought, have it removed from the calendar as we no longer had a permanent faculty member teaching Canadian family or gender studies. Owing to enrollment issues, however, and the past popularity of the course, one of our Canadianists has agreed to offer the course. It might end up becoming part of her regular offerings. She needs to be able to teach it beginning in May to satisfy workload. As I understand it, reactivating a course is a major revision, so it would have to go through the various steps; I highly doubt it would make it through before May and, as the DCU is open now, time is of the essence.

I ask that the course be reactivated now to allow Nicole to enter it into the DCU for Summer. The department will then follow through with the appropriate process to formally reactivate the course. I hope this is a possible course of action.

Best,  
Alisa

**Dr. Alisa Webb**  
Associate Dean of Students  
College of Arts  
**University of the Fraser Valley**  
33844 King Rd.  
Abbotsford, BC  
V2S 7M8  
Phone: 604-557-4070  
Email: [Alisa.Webb@ufv.ca](mailto:Alisa.Webb@ufv.ca)

**Memo for Course Changes**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 21, 2014

**Subject: Proposal for minor revisions of HIST 102, HIST 235, HIST 241, HIST 264, HIST 265, HIST 309, HIST 311, HIST 323, HIST 325, HIST 335, HIST 340, HIST 364, HIST 391, HIST 392, HIST 412, HIST 414, HIST 415, HIST 426, HIST 430, and HIST 431**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

Routine review. All course information was transferred to the new forms. Course descriptions were shortened to meet the new criteria (approximately 40 words). Pre-requisites phrasing was changed to meet the new criteria (but no courses changed their pre-reqs).

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

Course learning objectives were updated to reflect new language at UFV, the need to align objectives to Institutional Learning Outcomes, and to better reflect what we expect of students at each level (none of this changes the actual content of the course or the expectations faculty have of students – it merely ensures clarity).

- 4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? No.
- 5. Which program areas have been consulted about the change(s)? None outside our department.
- 6. What consideration has been given to indigenizing the curriculum? We have an ongoing commitment to indigenizing our curriculum where relevant.
- 7. If this course is not eligible for PLAR, explain why: N/A

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value N/A
  - b. Class size limit N/A
  - c. Frequency of offering N/A
  - d. Resources required (labs, equipment) N/A
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials: \$550 - \$850 including tuition, ancillary fees, and textbooks.

Memo: 300 level and 400 level History Course Outline Revision (pre-requisites)

The History Department has agreed to simplify the pre-requisites attached to its 300 and 400 level courses by eliminating all specific course pre-requisites. Consequently all our 300 and 400 level classes will have general pre-requisites unique to each level.

Please make the following changes to the official course outlines currently being reviewed. This wording replaces the current text as it pertains to pre-requisites:

300 level: 9 credits of lower-level history or 45 university-level credits.

400 level: 9 credits of lower-level history, and any 300-level history course.

These changes apply to the following courses:

HIST 309, 311, 323, 325, 335, 340, 364, 391, 392

And HIST 412, 414, 415, 426, 430, 431

Exception:

HIST 357 already uses the above language except that it references LAS courses. Please leave this. However, eliminate the sentence:

"Familiarity with the basic skills of historical inquiry is expected."

Dr Christopher Leach  
Department Head, History  
University of the Fraser Valley  
33844 King Road  
Abbotsford, BC  
V2S 7M8

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: February 2, 2015

**Subject: Responses to UEC Screening Subcommittee comments and suggested changes for History course outlines**

**First set: HIST 102, 235, 241, 264, 265, 309, 311, 323/EDUC323, 325, 335, 340, 364, 391, 392, 412, 414, 415, 430, 431.**

**Second set: HIST 120, 121, 122, 162/LAS 162, 211, 212, 357/LAS 357.**

**From UEC**

**General comments** (applicable to both batches of courses):

- Learning outcomes for most courses seem to be identical (with some small differences). Although this is not as problematic at the 100 and 200 level, learning outcomes for upper-level courses should be relatively unique. The HIST 309 learning outcomes are good examples of outcomes that are specific to the course. **The Screening Subcommittee would like to see these learning outcomes re-worked to be more unique to each course.**
- Double verbs in the learning outcomes (such as “discuss and debate”) should ideally either be separated into individual learning outcomes, or only one verb (usually the higher-level verb) should be selected.

**History Department Response:**

The Department would like to revisit these in a much more systematic way and fear that cramming in changes now will be ad hoc, inefficient, and, most importantly, might delay the approval of changes that are essential for September 2015. Please note that to satisfy an earlier version of the approval process we arrived at the more generic LOs that we have now. Clearly they are no longer what is desired and we are eager to update the LOs. Indeed, we have embedded this process in our departmental Strategic Enrolment Plan 2015 that is currently being drafted.

**From UEC**

**HIST 309:**

- Typical structure of hours should only include one choice (30 hours lecture and 30 hours seminar/tutorial/workshop, or 20 hours lecture or 40 hours online).

**History Department Response:**

Revised course outline.

**From UEC**

**HIST 325:**

- Calendar description is too long, and will need to be shortened to closer to 40 words (sentence fragments are acceptable).

**History Department Response:**

Revised course outline.

**From UEC****HIST 335:**

- Learning outcomes #3 and #4 require clarification.

**History Department Response:**

Revised course outline.

**From UEC****HIST 426:**

- Suggest changing “Aboriginal” to “Indigenous”.

**History Department Response:**

Revised course outline.

**From UEC****HIST 120:**

- Why is this course being changed from HIST 108? The other similar proposed courses (HIST 121, 122, 162) make more sense as these are being changed from the 200 level to the 100 level, but there does not seem to be a strong enough reason to change this course. Suggest revising the existing HIST 108 outline instead, and retaining the number.

**History Department Response:**

The content of HIST 120 is different from 108. While it overlaps with the old content the new course explicitly supports the TEP guidelines for suitable history course options. 108 should be discontinued. The new number (120) serves as the first of our European surveys, hence the number change. The sequential numbering should communicate the temporal linkages of these new European surveys (120, 121, and 122).

**From UEC****HIST 120, 121, 122, and 162:**

- The memos and outlines clearly indicate that these are to be new courses replacing the existing ones, rather than a number change, and that the existing courses will be discontinued. Will a memo for discontinuing these courses be forthcoming? Do you intend to potentially offer both versions in a single semester? (Or was the intention just to change the numbers, in which case the existing courses would be changed without an additional request?)

**History Department Response:**

The content in each of these courses is different from the earlier iterations. Consequently, 108, 208, 209 and 210 should be discontinued.

The sequential numbering should communicate the temporal linkages of these new European surveys (120, 121, and 122).

**From UEC****HIST 212:**

- A short title should be added to the course outline (such as “History of Britain, 1688-1990”).

**History Department Response:**

Revised course outline.

**From UEC**

**HIST 357:**

- Suggest reversing the order of the title to be consistent with the other submitted courses (to “The Troubled History of Inter-American Relations: From the Big Stick to the CIA”).
- Short title would then be “Inter-American Relations” or similar.

**History Department Response:**

Course instructor would like to keep the course title as it was originally submitted.





ORIGINAL COURSE IMPLEMENTATION DATE: January 1976  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 102

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Canada: 1867 to the Present

**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines post-Confederation Canadian events such as overseas conflicts, the Depression, the Constitution, and Canada's international role. Multiple perspectives are used to consider aboriginal claims and conflicts, political struggles, personalities, immigration, social reform, regionalism, women's rights, modernization, and multiculturalism.

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OReg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 33        |
| Seminars/tutorials/workshops               | 12        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

HIST 102

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify key components in Canadian History.
- Discuss and debate themes and issues in Canadian History.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching and learning methods may include lectures, discussions, videos and films, PowerPoint and student presentations.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>              | <u>Current Edition</u> | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|----------------------------------------------------------|------------------------|-----------------------------|-----------------------|
| 1. Bumstead, J.M.                        | The Peoples of Canada: A Post-Confederation History      | X                      | Toronto                     |                       |
| 2. Conrad, M.,<br>Finkel, A.             | History of the Canadian Peoples, Vol.II                  | X                      | Toronto                     |                       |
| 3. Francis, R. et al.                    | Destinies: Canadian History Since Confederation          | X                      | Toronto                     |                       |
| 4. Keshen, J.,<br>Morton, S., Eds.       | Material Memory: Documents in Post-Confederation History | X                      | Toronto                     |                       |
| 5. Francis, R. et al.                    | Readings in Canadian History, Post-Confederation         | X                      | Toronto                     |                       |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

N/A

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 25% | Assignments: | 55% | Midterm exam:     |   | Practicum: | %    |
| Quizzes/tests: | 20% | Lab work:    | %   | Field experience: | % | Shop work: | %    |
|                |     |              |     |                   |   | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week 1: Introduction – "Thinking Like An Historian"  
 Week 2: Canada, Canadians, Aboriginal Peoples, and "others" at Confederation  
 Week 3: Centrifugal forces: Riel, Poundmaker, Schools, South Africa  
 Week 4: The Great War: Imperialism or Not?  
 Week 5: The Years Between the Wars: 1919-1939  
 Week 6: "The Good War"? World War II  
 Week 7: Becoming Canadian: 1945-1961  
 Week 8: Quiet Revolutions?: the 1960s  
 Week 9: Canadianizing the Constitution  
 Week 10: Neo-Conservatism and Neo-Liberalism  
 Week 11: Canadians in the 1990s  
 Week 12: Beyond the Cold War: Canada and the World  
 Week 13: Toward the 21st Century: The Search for Meaning and Identity.



ORIGINAL COURSE IMPLEMENTATION DATE: May 1993  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 235

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Late Imperial and Modern China

**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the transformation of China from the early 18<sup>th</sup> century to recent decades with emphasis on social, economic, and political aspects.

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 35        |
| Seminars/tutorials/workshops               | 10        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 235**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify key components in Chinese History.
- Discuss and debate themes and issues in Chinese History.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, formal and informal class discussions based on assigned readings and/or other materials, and audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

|    | <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>       | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|----|-------------------------------------|---------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1. | Fairbank, J. K. & Goldman, M.       | China: A New History                              | <input type="checkbox"/> | Harvard                         | 2006                      |
| 2. | Goldman, M. & Gordon, A. eds        | Historical Perspectives on Contemporary East Asia | <input type="checkbox"/> | Harvard                         | 2000                      |
| 3. | Coursepack                          |                                                   | <input type="checkbox"/> |                                 |                           |
| 4. |                                     |                                                   | <input type="checkbox"/> |                                 |                           |
| 5. |                                     |                                                   | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                      |     |                   |     |                   |     |            |      |
|----------------------|-----|-------------------|-----|-------------------|-----|------------|------|
| Final exam:          | 40% | Assignments:      | %   | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:         | %   | Field experience: | %   | Shop work: | %    |
| Other: 8 reflections | 15% | Other: Term paper | 25% | Other:            | %   | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Introduction: Course format and requirements. Geographic and social background of Chinese history.  
 Late Imperial China: Political Institution.  
 Social & economic conditions in 18th. Century China: Growth without development?  
 China and the West before 1860: economic, cultural and military conflicts  
 The mid-19th. Century peasant rebellions: origins and significance  
 China's early attempts to modernize: ideologies and policies  
 Reform and revolution 1901-1916: Foundations of a civil society?  
 The May Fourth Movement: Anti-traditionalism & revolutionary nationalism  
 China under the Guomindang rule: What went wrong?  
 The emergence of the Chinese Communist Party to power  
 The first decade of the People's Republic.  
 Class struggle in a socialist society 1959-1976.  
 China's search for modernity in the post-Mao era  
 Course conclusion and revision



ORIGINAL COURSE IMPLEMENTATION DATE: May 1994  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: HIST 241

Number of Credits:3 [Course credit policy \(105\)](#)

Course Full Title: History of the United States to 1865

Course Short Title:

Faculty: Faculty of Humanities

Department (or program if no department): History

### Calendar Description:

This course surveys the major developments in American history from contact to the Civil War. Attention will be given to social, economic, and political institutions, and to the lives of ordinary people.

Prerequisites (or NONE): None.

Corequisites (if applicable, or NONE): NONE

Pre/corequisites (if applicable, or NONE): NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

Total Hours: 45

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 15        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

Maximum enrolment (for information only): 36

Expected frequency of course offerings  
(every semester, annually, etc.): Every year

Department / Program Head or Director: Chris Leach

Date approved: October 21, 2014

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Jacqueline Nolte

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

**HIST 241**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify key components in United States history.
- Discuss and debate themes and issues in United States history.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Instruction methods will include lectures, in class use of audio visual and online materials, discussions and in-class group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                     | <u>Current Edition</u>              | <u>Place of Publication</u> | <u>Year Published</u>   |
|------------------------------------------|-----------------------------------------------------------------|-------------------------------------|-----------------------------|-------------------------|
| 1. Foner, Eric                           | Give Me Liberty! An American History, vol. 1.                   | <input checked="" type="checkbox"/> | W.W. Norton.                | 2 <sup>nd</sup> edition |
| 2.                                       | Articles and documents available online through the UFV Library | <input type="checkbox"/>            |                             |                         |
| 3.                                       |                                                                 | <input type="checkbox"/>            |                             |                         |
| 4.                                       |                                                                 | <input type="checkbox"/>            |                             |                         |
| 5.                                       |                                                                 | <input type="checkbox"/>            |                             |                         |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                                              |                                                     |                         |              |
|----------------------------------------------|-----------------------------------------------------|-------------------------|--------------|
| Final exam: 30%                              | Assignments: 10<br>Synopses(200 words each)<br>10%  | Midterm exam: 20%       | Practicum: % |
| Quizzes/tests: %                             | Lab work: %                                         | Field experience: %     | Shop work: % |
| Term Paper Essay (approx.<br>1200 words) 25% | Other: Document Analysis<br>(approx..800 words) 10% | Other: Participation 5% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

1. Contact: First Nations – European
2. Migration
3. Community Formation
4. Empire and Colonial America
5. The Revolution and American Society
6. Planter Aristocracy and the Republic
7. America and the Frontier
8. Jacksonian Democracy and American Politics and Society
9. Slavery
10. 'Old' South and the 'Old' North
11. Crisis in the Union
12. Civil War
13. Review



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2003  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 264

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** History of India: Akbar to Independence

**Course Short Title:** History of India

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the main themes that shaped the history of the Indian subcontinent from the 15th century to c. 1947. The course will focus on the rise and fall of Mughal rule, the Company Raj, the British Raj, and the rise of Indian nationalism leading to independence.

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☒ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours:** 45

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 32        |
| Seminars/tutorials/workshops               | 13        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 264**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify key components in Indian History.
- Discuss and debate themes and issues in Indian History.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Instructional methods will include lectures, discussions and in-class small group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u>       | <u>Title (article, book, journal, etc.)</u>                  | <u>Current Edition</u>   | <u>Place of<br/>Publication</u>  | <u>Year<br/>Published</u> |
|-------------------------------------------|--------------------------------------------------------------|--------------------------|----------------------------------|---------------------------|
| 1. Metcalfe, B. D. and<br>Thomas Metcalfe | A Concise History of India                                   | <input type="checkbox"/> | Cambridge<br>University<br>Press | 2010                      |
| 2.                                        | Online articles/ materials available through UFV<br>Library. | <input type="checkbox"/> |                                  |                           |
| 3.                                        |                                                              | <input type="checkbox"/> |                                  |                           |
| 4.                                        |                                                              | <input type="checkbox"/> |                                  |                           |
| 5.                                        |                                                              | <input type="checkbox"/> |                                  |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                                          |                                                              |                                                      |              |
|------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|--------------|
| Final exam: 30%                          | Assignments: (10 synopses<br>approx.. 200 words each)<br>10% | Midterm exam: 20%                                    | Practicum: % |
| Quizzes/tests: (Map and<br>Terms Quiz 5% | Lab work: %                                                  | Field experience: %                                  | Shop work: % |
| Other: Participation 5%                  | Other: Term Paper (approx..<br>1200 words) 20%               | Other: Document<br>Analysis(approx.. 800<br>words)10 | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction- Geography and Historiography of South Asia.  
 Week 2: Arrival of Islam and the Rise of the Mughal Empire.  
 Week 3: Mughal Society and the British Beachhead.  
 Week 4: Company Raj.  
 Week 5: Indian Society.  
 Week 6: 'Indian Mutiny' or 'First War of Independence'?  
 Week 7: Imperial Britain.  
 Week 8: Modernization, Nationalism and Indian Society.  
 Week 9: British Colonial Society.  
 Week 10: The Impact of India on Britain.  
 Week 11: Politics of Colonialism.  
 Week 12: Nationalism and Revolt.  
 Week 13: India, World War II and the Road to Independence.





ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2006  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 265

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** India and the Indo-Pacific World  
**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the relationship between India and the Indo-Pacific world from the arrival of Islam to recent times. It explores the influence of South Asian civilization on the development of societies bordering on the Indian Ocean and the Pacific Rim.

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☒ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 15        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
 (every semester, annually, etc.): Every second year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

HIST 265

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify key components in Indian-Indo-Pacific Rim History.
- Discuss and debate themes and issues in Indian-Indo-Pacific Rim History.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Instructional methods will include lectures, discussions, use of audio-visual materials, and in-class small group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                      | <u>Current Edition</u>   | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|------------------------------------------------------------------|--------------------------|-----------------------------|-----------------------|
| 1. Bose, Sugata                          | A Hundred Horizons: The Indian Ocean in the Age of Global Empire | <input type="checkbox"/> | Harvard Univ. Press         | 2009                  |
| 2. Alpers, Edward                        | The Indian Ocean in World History                                | <input type="checkbox"/> | Cambridge University Press  | 2013                  |
| 3.                                       | Articles and documents available online through UFV Library.     | <input type="checkbox"/> |                             |                       |
| 4.                                       |                                                                  | <input type="checkbox"/> |                             |                       |
| 5.                                       |                                                                  | <input type="checkbox"/> |                             |                       |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

None.

## Typical Evaluation Methods and Weighting

|                      |     |                                                    |     |                                                 |     |            |      |
|----------------------|-----|----------------------------------------------------|-----|-------------------------------------------------|-----|------------|------|
| Final exam:          | 30% | Assignments: Weekly Reading Synopsis (10 in total) | 10% | Midterm exam:                                   | 20% | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:                                          | %   | Field experience:                               | %   | Shop work: | %    |
| Other: Participation | 10% | Other: Term Paper (approx.. 1200 words)            | 20% | Other: Document Analysis (approx.. 800 words)10 |     | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week 1: Introduction- What is the Indo-Pacific World?  
 Week 2: Rise of Islam, South Asia and the Indian Ocean.  
 Week 3: Europeans and the South Asia Trading World.  
 Week 4: Company Raj and the Economic, Political and Social Life of the Indian/ Pacific Rim World.  
 Week 5: British Raj and South Asian Communities: Regional Imperialism.  
 Week 6: Gujarat and Africa.  
 Week 7: South Asian Diaspora and South East Asia.  
 Week 8: Indentured Labour Diaspora: Tamil Communities and South Africa.  
 Week 9: Imperialism and the South Asian Diaspora in the South Pacific/ Australia.  
 Week 10: India, Punjab and the Americas.  
 Week 11: Indian Nationalism, Independence and De-colonization in Africa and the 'East'.  
 Week 12: Rise of India as a Regional Economic and Military Power.  
 Week 13: The Modern South Asian Diaspora in a Global Context.



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2008  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 309

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Full Title:** Witches, Whores, and Midwives: Women in Early Modern Europe

**Course Short Title:** Women in Early Modern Europe

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

Students will investigate the lives of women in early modern Europe. Focusing on marginalized and/or extraordinary women, students will interrogate accepted ideas about how women lived, what they believed, and what they contributed to the evolution of society.

**Note:** Students with credit for HIST 397C cannot take this course for further credit.

**Prerequisites (or NONE):** 9 credits of lower-level history or 45 university-level credits.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s): **HIST 397C**

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 60

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 20        |
| Seminars/tutorials/workshops               |           |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 | 40        |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 30

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every second year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 309**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 3**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiencesDiscuss the current status of women's history and its intersections with the history of gender
- Trace the major trends and developments in women's lives and experiences during the early modern period
- Describe the shifting categories of gender and how they influenced social and political relationships
- Summarize and critique, in written form, the state of scholarship on a chosen debate within historical scholarship on women and gender in early modern Europe

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods may include: lectures, small-group discussion, exploratory writing, audio-visual materials, and online activities.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                     | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|---------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1.                                  | See attached                                                                    | <input type="checkbox"/> |                                 |                           |
| 2.                                  | Selected primary sources available online                                       | <input type="checkbox"/> |                                 |                           |
| 3.                                  | Selected articles available through JSTOR and<br>Historical Abstracts databases | <input type="checkbox"/> |                                 |                           |
| 4.                                  |                                                                                 | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                                 | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                                  |                                                   |                               |              |
|----------------------------------|---------------------------------------------------|-------------------------------|--------------|
| Final exam: (Take home)<br>30%   | Assignments: Critical Book<br>Review 3 x 15 % 45% | Midterm exam: %               | Practicum: % |
| Quizzes/tests: %                 | Lab work: %                                       | Field experience: %           | Shop work: % |
| Weekly Reader Reflections<br>15% |                                                   | Active Class Participation10% | Total: 100%  |

**Grading system:** Letter Grades: ☐ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**Typical Course Content and Topics**

**Example 1: Classroom Based Format**

Week 1 – Introduction: Do we really need “women’s history”?

Week 2 – Feminism, Gender and the Practice of History

Week 3 – The “Querelle des femmes”

Week 4 – Gender and Power in Practice – The Case of Elizabeth I

Week 5 – Religion and the Impact of the Reformation

Week 6 – Witchcraft (1): Background

Week 7 – Witchcraft (2): Modern Approaches

Week 8 – The World of Work

Week 9 – Women’s Health

Week 10 – Sexuality and the Body

Week 11 – The Power of Sex: Whores and Mistresses

Week 12 –The “Unscientific Sex”: Women in the Scientific Revolution

Week 13 – Coffee, Tea or Me? – Women and the Enlightenment

**Example 2:** Hybrid Format – This class will meet four times during the semester for day-long seminars.

Meeting 1 – Feminism, Gender and the Practice of History

Meeting 2 (Capping weeks 2-5) “Witches” – Women and Spirituality

- The Impact of the Reformation
- Witchcraft and Witchhunting

Meeting 3 (Capping weeks 6-9) “Whores” – Gender, Power and Sexuality

- Queens, Mistresses and Patrons
- The Gendered Body in the Early Modern World
- Early Modern Sexualities

Meeting 4 (Capping weeks 10-13) “Midwives” – Women and WorkWomen and the Production of Culture

- Women’s Work and the Family Economy
- Course summation

## Supplemental Texts and Resource Materials Form

For use with the Official Undergraduate Course Outline Form, if more space is required for the **Typical Text(s) and Resource Materials** field.

|     | <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u> | <u>Current<br/>Edition</u> | <u>Place of Publication</u> | <u>Year<br/>Published</u> |
|-----|-------------------------------------|---------------------------------------------|----------------------------|-----------------------------|---------------------------|
| 1.  | Levack, B.                          | The Witch-Hunt in Early Modern Europe       | <input type="checkbox"/>   | Longman                     | 2006                      |
| 2.  | Wiesner, M.                         | Women and Gender in Early Modern Europe     | <input type="checkbox"/>   | Cambridge University Press  | 2008                      |
| 3.  | Downs, Laura Lee                    | Writing Gender History                      | <input type="checkbox"/>   | Bloomsbury Academic         | 2005                      |
| 4.  | Crawford, Katherine                 | European Sexualities                        | <input type="checkbox"/>   | Cambridge University Press  | 2007                      |
| 5.  | Schulte, Regina, ed.                | The Body of the Queen                       | <input type="checkbox"/>   | Berghahn Books              | 2006                      |
| 6.  |                                     |                                             | <input type="checkbox"/>   |                             |                           |
| 7.  |                                     |                                             | <input type="checkbox"/>   |                             |                           |
| 8.  |                                     |                                             | <input type="checkbox"/>   |                             |                           |
| 9.  |                                     |                                             | <input type="checkbox"/>   |                             |                           |
| 10. |                                     |                                             | <input type="checkbox"/>   |                             |                           |



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2008  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) January 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Course Full Title:</b> The Reformation<br><b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Calendar Description:</b><br>Students will examine the varied religious and social "reformations" of the sixteenth century. Students will explore several broad themes, including the role of women, the function and extent of religious violence, and the relationship between the Reformation and the changing concept of nationhood.                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history or 45 university-level credits.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                              |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 30<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every other year |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Department / Program Head or Director:</b> Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |

**HIST 311**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.
- Recognize the major events and figures of the Reformation
- Discuss the theological, social and political bases of the conflict between Catholics and Protestants in the 16<sup>th</sup> century

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods may include: lectures, small-group discussion, exploratory writing, audio-visual materials, and online activities.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                           | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>published</u> |
|-------------------------------------|---------------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1.                                  | Selected primary sources available online.                                            | <input type="checkbox"/> |                                 |                           |
| 2.                                  | Selected secondary sources available through JSTOR and Historical Abstracts databases | <input type="checkbox"/> |                                 |                           |
| 3. Lindberg, C.                     | The European Reformations Sourcebook                                                  | <input type="checkbox"/> | Basil Blackwell                 | 2014                      |
| 4. Lindberg, C.                     | European Reformations                                                                 | <input type="checkbox"/> | Basil Blackwell                 | 2011                      |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                |     |                                             |     |                   |      |            |   |
|----------------|-----|---------------------------------------------|-----|-------------------|------|------------|---|
| Final exam:    | 30% | Assignments: Critical Book Reviews 3 x 15 % | 45% | Midterm exam:     | %    | Practicum: | % |
| Quizzes/tests: | 15% | Lab work:                                   | %   | Field experience: | %    | Shop work: | % |
|                |     | Other: Active Class Participation           | 10% | Total:            | 100% |            |   |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

1. Introduction – Trends in the Historiography of the Reformation
2. Medieval Catholicism – Rigid or Resilient?
3. Luther and Lutheranism
4. Reformation or Revolution?
5. Anabaptism and Zwinglianism
6. Calvinism and the French Wars of Religion
7. The Reformation in England
8. The Catholic Reformation
9. The Reformation and Popular Culture
10. The Reformation and the Family
11. A Gendered Reformation
12. (Re)forming the New World
13. On the Fringe: Witches and Witchhunting in an Era of Reform





ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2005  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 323

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Full Title:** History of Education in Canada

**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the history of schooling in Canada from the period of New France to the present day, with a particular focus on the formative period from the 1840s to the 1960s. Key topics include the emergence of the public school system in the 19th century, its institutional growth after the 1850s, the social history of schooling and educational experience of teachers, students and parents, the politics of education, and the history of residential schools for Aboriginal people.

**Note:** Students with credit for EDUC 323 cannot take this course for further credit.

**Prerequisites (or NONE):** 9 credits of lower-level history or 45 university-level credits.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with: **EDUC 323**

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 60

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 30        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☐ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 30

**Expected frequency of course offerings**  
(every semester, annually, etc.): every 2<sup>nd</sup> year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 323**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Education History.
- Discuss and debate themes and issues in Education History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, discussions, and the use of audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

|    | <u>Author Surname,<br/>Initials</u>           | <u>Title (article, book, journal, etc.)</u>                                                                                               | <u>Current<br/>Edition</u> | <u>Place of Publication</u>                   | <u>Year</u> |
|----|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------|-------------|
| 1. | Jean Barman and Mona Gleason                  | Children, Teachers and Schools in the History of British Columbia                                                                         | 2nd                        | Brush Books                                   | 2013        |
|    | Thomas Fleming                                | <i>Worlds Apart: British Columbia Schools, Politics, and Labour Relations Before and After 1972</i>                                       |                            | Bendall Books                                 | 2011        |
| 3. | Truth and Reconciliation Commission of Canada | <i>They Came for the Children: Canada, Aboriginal Peoples, and Residential Schools</i>                                                    |                            | Truth and Reconciliation Commission of Canada | 2012        |
| 4. |                                               | Coursepack of additional readings                                                                                                         | <input type="checkbox"/>   |                                               |             |
| 5. |                                               | The Homeroom: British Columbia's History of Education Website ( <a href="http://www2.viu.ca/homeroom/">http://www2.viu.ca/homeroom/</a> ) | <input type="checkbox"/>   |                                               |             |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                        |     |                     |     |                   |     |            |      |
|------------------------|-----|---------------------|-----|-------------------|-----|------------|------|
| Final exam:            | 25% | Assignments:        | 0%  | Midterm exam:     | %   | Practicum: | %    |
| Quizzes/tests:         | %   | Lab work:           | %   | Field experience: | %   | Shop work: | %    |
| Seminar Participation: | 15% | Group Presentation: | 10% | Document Analysis | 20% | Total:     | 100% |
| Curriculum Analysis    | 30% |                     |     |                   |     |            |      |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction and Approaches to Education History  
 Week 2: Western Educational Tradition  
 Week 3: Emergence of Canadian Public Schooling in the 19th Century  
 Week 4: 19th Century School Experience  
 Week 5: Politics of Education in Canada before World War One  
 Week 6: Progressive Education I: Theoretical Goals  
 Week 7: Progressive Education II: Impact and Consequences  
 Week 8: Topics in Education History: First Nations' Residential School Experience and Aboriginal Policies in Education  
 Week 9: Topics in Education History: 'Race' and Education  
 Week 10: Topics in Education History: Gender and Education  
 Week 11: Curriculum History I: Social Studies  
 Week 12: Curriculum History II: Physical and Technical Education  
 Week 13: Student Curricula History Presentations



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2005  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Cross-listed outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** EDUC 323

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Title:** History of Education in Canada

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

**This is a cross-listed course. Please refer to** HIST 323 **for the official course outline.**

### Calendar Description:

This course examines the history of schooling in Canada from the period of New France to the present day, with a particular focus on the formative period from the 1840s to the 1960s. Key topics include the emergence of the public school system in the 19<sup>th</sup> century, its institutional growth after the 1850s, the social history of schooling and educational experience of teachers, students and parents, the politics of education, and the history of residential schools for Aboriginal people.

**Note:** Students with credit for HIST 323 cannot take this course for further credit.

### Prerequisites (or NONE):

9 credits of lower-level history or 45 university-level credits.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with: **HIST 323**

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OReg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**



ORIGINAL COURSE IMPLEMENTATION DATE: January 2001  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: HIST 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Number of Credits: 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Course Full Title: Canadian Sport History                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Course Short Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Faculty: Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Department (or program if no department): History                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Calendar Description:</b><br><br>Students examine themes in Canadian academic sport history and the social roles of sport. Topics include rise of organized sport, masculine ideal, women and sport, sport and politics, Canada and the Olympic Games, 1972 hockey Summit Series, and media representation.                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history or 45 university-level credits.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                              |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every 2 <sup>nd</sup> year |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Department / Program Head or Director: Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Date approved: October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Date of posting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Dean/Associate VP: Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Date of meeting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

HIST 325

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Canadian Sport History.
- Discuss and debate themes and issues in Canadian Sport History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures, formal and informal class discussions based on assigned readings and/or other materials, and audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                | <u>Current Edition</u>       | <u>Place of<br/>Publication</u>        | <u>Year<br/>Published</u> |
|-------------------------------------|----------------------------------------------------------------------------|------------------------------|----------------------------------------|---------------------------|
| 1. Morrow, Don and<br>Kevin Wamsley | Sport in Canada: A History                                                 | 2nd <input type="checkbox"/> | Toronto: Oxford<br>University<br>Press | 2010                      |
| 2. Hall, M. Ann                     | The Girl and the Game: A History of Women's Sport in<br>Canada             | <input type="checkbox"/>     | Toronto:<br>Broadview<br>Press         | 2002                      |
| 3. John Chi-Kit<br>Wong             | Coast to Coast: Hockey in Canada to the Second World War                   |                              | University of<br>Toronto Press         | 2009                      |
| 4.                                  | Coursepack with selected articles, book chapters, and<br>primary documents | <input type="checkbox"/>     |                                        |                           |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

None.

## Typical Evaluation Methods and Weighting

|                      |     |                     |     |                                              |   |            |      |
|----------------------|-----|---------------------|-----|----------------------------------------------|---|------------|------|
| Final exam:          | 25% | Assignments:        | %   | Midterm exam:                                | % | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:           | %   | Field experience:                            | % | Shop work: | %    |
| Class Participation: | 15% | Group Presentation: | 10% | Discussion Paper: 20%<br>Research Paper: 30% |   | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

|                |                                                                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Week One:      | Course Introduction and Approaches to Academic Sport History                                                                                |
| Week Two:      | Sport History Theory 1 – Modernization Theory and Hegemony Theory                                                                           |
| Week Three:    | Sport History Theory 2 – the Civilizing Process and Post-Modernism                                                                          |
| Week Four:     | Traditional and Pre-Industrial Sports in British North America<br>Montreal and the Rise of Organized Sports in the 19 <sup>th</sup> Century |
| Week Five:     | Sport in British Columbia before World War One                                                                                              |
| Week Six:      | Rise of Commercial and Professional Sport                                                                                                   |
| Week Seven:    | Sport and Masculinity before 1920                                                                                                           |
| Week Eight:    | Women and Sport before 1960                                                                                                                 |
| Week Nine:     | Images of Race and Ethnicity in Sport                                                                                                       |
| Week Ten:      | Institutionalization of Sport between the Wars                                                                                              |
| Week Eleven:   | Canada and the Olympic Games                                                                                                                |
| Week Twelve:   | Canadian Nationalisms and Sport                                                                                                             |
| Week Thirteen: | Student Group Presentations                                                                                                                 |



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2008  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: HIST 335                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Number of Credits: 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Course Full Title: History of the Israeli-Palestinian Conflict Course Short Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Faculty: Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Department (or program if no department): History                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br>This course explores the conflict between the Jewish state in Palestine, and the indigenous Palestinian population. The course examines nationalism, the role of foreign powers, religion, Israeli occupation of Palestine, peace efforts, and the current state of the conflict.                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history or 45 university-level credits.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                              |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every second year                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Department / Program Head or Director: Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Date approved: October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Campus-Wide Consultation (CWC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Date of posting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Faculty Council approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Dean/Associate VP: Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | Date approved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Undergraduate Education Committee (UEC) approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Date of meeting:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |

HIST 335

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify and analyze key people and events in the Israeli-Palestinian conflict, and identify their historical and contemporary significance. Discuss and debate themes and issues in Jewish, Israeli, Arab and Palestinian history..
- Identify historical debates that reveal numerous perspectives on the Israeli-Palestinian conflict.
- Demonstrate objectivity and sensitivity in handling challenging and difficult subjects that have enormous historical and contemporary significance
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary, in research and historical writing..

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

The format of this course will include lectures, in-class discussions, viewing films, student presentations, and guest speakers

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                 | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|-----------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1. Smith, C.D.                      | Paletine and the Arab-Israeli Conflict                                      | X                        | Boston                          | 2013                      |
| 2. Chesin, Hutman,<br>Melamed.      | Separate and Unequal: The Inside Story of Israeli Rule<br>in East Jerusalem | X                        | Harvard                         | 1999                      |
| 3. Carter, J.                       | Peace not Apartheid                                                         | X                        | USA                             | 2006                      |
| 4.                                  |                                                                             | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                             | <input type="checkbox"/> |                                 |                           |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

None.

## Typical Evaluation Methods and Weighting

|                                       |     |                           |    |                                             |   |            |      |
|---------------------------------------|-----|---------------------------|----|---------------------------------------------|---|------------|------|
| Final exam:                           | 25% | Assignments:              | 5% | Midterm exam:                               | % | Practicum: | %    |
| Quizzes/tests:                        | 20% | Lab work:                 | %  | Field experience:                           | % | Shop work: | %    |
| Other: Short analytical papers<br>15% |     | Other: Research paper 25% |    | Other: Participation and<br>Presentation 10 |   | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week 1: Introduction: The Land, The People, Religion & Politics (to the 1880s)  
 Week 2: European roles in the establishment of Jewish and Arab nationalism  
 Week 3: Zionism and Arab Nationalism, and the First World War  
 Week 4: The British Mandate and Jewish Immigration to Palestine  
 Week 5: The Nazis, the Arabs, the Jews...and the Holocaust  
 Week 6: The British, the United Nations, and the Partition of Palestine  
 Week 7: The War of 1948: Zionist Miracle / Palestinian Disaster  
 Week 8: The Role of the Holocaust in the Creation of Israel and in Jewish Thought  
 Week 9: War (1956-1967), the Status of Jerusalem, and Fatah and the Palestinian Liberation Organization  
 Week 10: The Yom Kippur War and Camp David Accords  
 Week 11: The First Intifada, the Creation of Hamas, and the Peace Process (1990s)  
 Week 12: The Palestinian National Authority and the Second Intifada  
 Week 13: The "Roadmap" to Today



ORIGINAL COURSE IMPLEMENTATION DATE: May 2004  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: HIST 340

Number of Credits:4 [Course credit policy \(105\)](#)

Course Full Title: Colonial America and the Early Republic to 1815.

Course Short Title:

Faculty: Faculty of Humanities

Department (or program if no department): History

### Calendar Description:

This course explores the themes that shaped the development of colonial America and its first years as an independent republic. Themes will include contact and First Nations, environmental imperialism, religion, gender, slavery, and imperial rivalry. It also explores the evolution of a popular historical narrative of colonial America.

### Prerequisites (or NONE):

9 credits of lower-level history or 45 university-level credits.

Corequisites (if applicable, or NONE): NONE

Pre/corequisites (if applicable, or NONE): NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 60

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 30        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

Maximum enrolment (for information only): 30

Expected frequency of course offerings

(every semester, annually, etc.): Every second year

Department / Program Head or Director: Chris Leach

Date approved: October 21, 2014

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Jacqueline Nolte

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:



**HIST 340**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in American History.
- Discuss and debate themes and issues in American History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching method will be a combination of classroom lectures and discussions of assigned readings. Relevant audio/visual materials will also be used.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                                                           | <u>Current Edition</u>     | <u>Place of<br/>Publication</u>     | <u>Year<br/>Published</u> |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------|---------------------------|
| 1. Greene, J. P.                    | Pursuits of Happiness: The Social Development of Early Modern British Colonies and the Formation of American Culture. | X <input type="checkbox"/> | University of North Carolina        |                           |
| 2. Rowlandson, M.                   | The Narrative of the Captivity and Restoration of Mrs Mary Rowlandson                                                 | X <input type="checkbox"/> | Whitefish, MT: Kessinger Publishing |                           |
| 3. Equiano, O.                      | The Interesting Narrative of the Life of Olaudah Equiano, or Gustavas Vassa, the African, Written By Himself          | X <input type="checkbox"/> | Whitefish, MT: Kessinger Publishing |                           |
| 4.                                  | Articles and documents available online through the UFV Library.                                                      | <input type="checkbox"/>   |                                     | 2005                      |
| 5.                                  |                                                                                                                       | <input type="checkbox"/>   |                                     |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                          |                                                               |                       |              |
|--------------------------|---------------------------------------------------------------|-----------------------|--------------|
| Final exam: 20%          | Assignments: Weekly Reading Assignments 15%                   | Midterm exam: %       | Practicum: % |
| Quizzes/tests: %         | Lab work: %                                                   | Field experience: %   | Shop work: % |
| Other: Participation 15% | Film Response (two responses approx.. 800-1000 words each)20% | Other: Term Paper 30% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction. Historical Perspectives of Colonial America and the Early Republic.  
 Week 2: European Expansion and the 'Idea of America'.Week 3: First Nations, Contact and the Clash of Civilizations.  
 Week 4: Early Colonials and Environmental Imperialism.  
 Week 5: Religion and Colonial America.  
 Week 6: Gender and Colonial Society.  
 Week 7: Constructing a Popular Historical Narrative: the Puritan Myth.  
 Week 8: Slavery and Colonial America.  
 Week 9: Imperial Rivalry and Colonial America.  
 Week 10: Communication and Society.  
 Week 11: Ideology of Revolution: Was the Revolution Revolutionary?  
 Week 12: Life in the New Republic.  
 Week 13: Constructing a Popular Historical Narrative: The Meaning of the Revolution and Early Republic.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2005  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 364

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Full Title:** Indian Social History

**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course will examine the forces shaping the emergence of modern Indian society from the 17th century to the 1980s. Issues such as imperialism, nationalism, urbanization, and industrialization will be explored with reference to their impact on ethnicity, caste, class, and gender in Indian society to recent times.

**Prerequisites (or NONE):** 9 credits of lower-level history or 45 university-level credits.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 60

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 30        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☐ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 30

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every second year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 364**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Indian Social History.
- Discuss and debate themes and issues in Indian Social History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Instructional methods will include lectures, seminal discussions and in class small group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                                                    | <u>Current Edition</u>              | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------|-----------------------|
| 1. Radha Kumar                           | The History of Doing: An Illustrated Account of Movements for Women's Rights and Feminism in India, 1800- 1990 | <input checked="" type="checkbox"/> | Zubaan                      |                       |
| 2. Rao, Raja                             | Kanthapura                                                                                                     | <input checked="" type="checkbox"/> | Penguin                     |                       |
| 3. Anand, Mulk Raj.                      | Untouchable                                                                                                    | <input checked="" type="checkbox"/> | Penguin                     |                       |
| 4.                                       | Articles and documents available through UFV Library.                                                          | <input type="checkbox"/>            |                             |                       |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                      |     |                                                                               |     |                   |     |            |      |
|----------------------|-----|-------------------------------------------------------------------------------|-----|-------------------|-----|------------|------|
| Final exam:          | 20% | Assignments: Weekly Reading Assignments (10 synopses, approx.. 250 wordseach) | 15% | Midterm exam:     | %   | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:                                                                     | %   | Field experience: | %   | Shop work: | %    |
| Other: Participation | 15% | Other: Document Analysis                                                      | 20% | Other: Term Paper | 30% | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction.  
 Week 2: Social Organization in Early Modern India: Caste.  
 Week 3: British Imperialism and Indian Society.  
 Week 4: Family and Society.  
 Week 5: Industrialization of Rural/Village India.  
 Week 6: Urbanization and Society.  
 Week 7: Education and Reform.  
 Week 8: Industrialization and Class.  
 Week 9: Nationalism and Indian Society.  
 Week 10: Feminism and Gender.  
 Week 11: Independence and Indian Society.  
 Week 12: Indian Diaspora.  
 Week 13: Popular Culture and the Masses.



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2010  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: HIST 391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Number of Credits: 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Course Full Title: Late Imperial and Revolutionary Russia, 1860-1945.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Course Short Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Faculty: Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Department (or program if no department): History                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Calendar Description:</b><br><br>An examination of the interrelation between war, reform, and revolution in Russia/Soviet Union, focusing on the centralization of the state, messianic character of its foreign policy, and evolution of its national idea before and after the historic 1917 Revolution.                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Note:</b> Students with credit for 397D cannot take this course for further credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history or 45 university-level credits.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s): <b>HIST 397D</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                             |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 30<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every second year |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Department / Program Head or Director:</b> Chris Leach<br><b>Campus-Wide Consultation (CWC)</b><br><b>Faculty Council approval</b><br><b>Dean/Associate VP:</b> Jacqueline Nolte<br><b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> October 21, 2014<br><b>Date of posting:</b><br><b>Date approved:</b><br><b>Date approved:</b><br><b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |

**HIST 391**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Russian History.
- Discuss and debate themes and issues in Russian History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, seminar discussions/debates, examinations and written assignments, guest lectures and field trips. Relevant audio/visual materials will also be used.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                       | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|-------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1. Saunders, D.                     | Russia in the Age of Reaction and Reform, 1801-1881               | <input type="checkbox"/> | Longman                         | 1992                      |
| 2. Figes, O.                        | A People's Tragedy. The Russian Revolution, 1891-1924             | <input type="checkbox"/> | Pimlico                         | 1997                      |
| 3. Suny, R. G.                      | The Soviet Experiment: Russia, the USSR, and the Successor States | <input type="checkbox"/> | Oxford University Press         | 2003                      |
| 4.                                  | Course Pack of primary documents and articles                     | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                   | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                      |     |                                               |     |                      |     |            |      |
|----------------------|-----|-----------------------------------------------|-----|----------------------|-----|------------|------|
| Final exam:          | 25% | Assignments: 2 Primary Sources Reflections    | 15% | Midterm exam:        | %   | Practicum: | %    |
| Quizzes/tests:       | %   | Lab work:                                     | %   | Field experience:    | %   | Shop work: | %    |
| Other: Book Analysis | 15% | Other: Research proposal (5%) and paper (30%) | 35% | Other: Participation | 10% | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction: Essential features of Russian history; historiography and sources.  
 Week 2: Reforms, reaction and revolutionary movements in the first half of 19th century: The reigns of Alexander I and Nicholas I.  
 Week 3: Alexander II - the "Liberator": Achievements and limitations of the Great Reforms; post-Crimean foreign policy.  
 Week 4: Counter reforms and the emergence of the police state: domestic and foreign policies of Alexander III.  
 Week 5: Industrialization and semi-constitutionalism during Nicholas II's reign; 1905 Revolution; Russia in WWI.  
 Week 6: The February 1917 revolution and the end of the Romanov rule.  
 Week 7: The October 1917 insurrection: Bolshevik takeover.  
 Week 8: Consolidation of the Soviet state, 1918-1923; Civil War, Intervention and the founding of the Soviet Union.  
 Week 9: The making of the Soviet system: Lenin's legacy, Stalin's path to power, "socialism in one country."  
 Week 10: NEP society: economic maneuvering and socio-cultural experimentation in 1921-1928.  
 Week 11: Stalinist revolution: Collectivization, industrialization, cultural revolution and mass repressions.  
 Week 12: USSR in the Second World War, 1941-1945: Totalitarian state and a total war; emergence of a communist superpower.  
 Week 13: Review: Continuity and change in Russian society under the Tsars and Commissars.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2010  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: HIST 392

Number of Credits:4 [Course credit policy \(105\)](#)

Course Full Title: The Soviet Union in the Cold War Era

Course Short Title:

Faculty: Faculty of Humanities

Department (or program if no department): History

### Calendar Description:

An examination of factors that helped sustain the territorial and ideological unity, military strength, and international influence of the Soviet Union, and the reasons behind the gradual liberalization of society, the fall of Communism, and eventual disintegration of the USSR.

**Note:** Students with credit for HIST 397G cannot take this course for further credit.

**Prerequisites (or NONE):** 9 credits of lower-level history or 45 university-level credits.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s): **HIST 397G**

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OReg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 60**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 30        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 30

**Expected frequency of course offerings**

(every semester, annually, etc.): Every second year

Department / Program Head or Director: Chris Leach

Date approved: October 21, 2014

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Jacqueline Nolte

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

**HIST 392**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Russian History.
- Discuss and debate themes and issues in Russian History.
- Articulate historical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, seminar discussions/debates and examinations, guest lectures and field trips. Relevant audio/visual materials will also be used.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                       | <u>Current Edition</u>   | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|-------------------------------------------------------------------|--------------------------|-----------------------------|-----------------------|
| 1. Suny, R. G.                           | The Soviet Experiment: Russia, the USSR, and the Successor States | <input type="checkbox"/> | Oxford University Press     | 2003                  |
| 2. Kennedy-Pipe, C.                      | Russia and the World: 1917-1991                                   | <input type="checkbox"/> | Oxford University Press     | 1998                  |
| 3.                                       | On-line readings (articles and essays).                           | <input type="checkbox"/> |                             |                       |
| 4.                                       |                                                                   | <input type="checkbox"/> |                             |                       |
| 5.                                       |                                                                   | <input type="checkbox"/> |                             |                       |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                          |     |                                         |     |                      |      |            |      |
|--------------------------|-----|-----------------------------------------|-----|----------------------|------|------------|------|
| Final exam:              | 25% | Assignments:                            | %   | Midterm exam:        | 20 % | Practicum: | %    |
| Quizzes/tests:           | 10% | Lab work:                               | %   | Field experience:    | %    | Shop work: | %    |
| Other: Oral Presentation | 5%  | Other: Research Paper (Memoir Analysis) | 30% | Other: Participation | 10%  | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction: The Soviet Union and the leading world powers before and after the Cold War; historiography and sources.  
 Week 2: Soviet Russia in the inter-war period: search for identity, security and co-existence with the West.  
 Week 3: The Second World War and its aftermath: The imposition of the Stalinist orthodoxy at home and abroad.  
 Week 4: USSR, the United States, and the "First" Cold War: the dawn of the communist superpower, 1945-1953.  
 Week 5: De-Stalinization: Khrushchev's "Thaw" and adventurism in foreign policy.  
 Week 6: Midterm examination. Field trip.  
 Week 7: The Brezhnev era: Stability, bureaucracy and status quo, 1964-1982.  
 Week 8: Towards a global role? Soviet foreign policy under Brezhnev and beyond.  
 Week 9: Rule of gerontocracy, 1980-1985; Gorbachev and the beginning of democratic reforms, 1985-1991.  
 Week 10: The "Second" Cold War and the end of the bi-polar world, 1985-1991.  
 Week 11: Fall of Soviet and Eastern European communism; disintegration of the Soviet Union.  
 Week 12: Yeltsin's Russia and the post-Soviet states of Eurasia: confusion and co-existence.  
 Week 13: National idea and geo-political priorities at the turn of the 21st century: sovereign democracy in Putin's Russia.



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2009  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 412                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Course Full Title:</b> Louis XIV and His Court at Versailles<br><b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Calendar Description:</b><br>In this course, students will explore the personal and political dynamics of court society at Versailles under Louis XIV (1643-1715). Through the examination of patronage, consumption, ritual, and display, students will develop an understanding of this quintessential early modern socio-political institution.                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history and any 300-level history course.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Lecture hours</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: right;">45</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>60</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15 | Seminars/tutorials/workshops | 45 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i><br><b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every other year |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Department / Program Head or Director:</b> Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b> October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |



**HIST 412**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Recount the major events and identify the most important political, religious and cultural figures during the reign of Louis XIV.
- Analyze the complex interaction of patronage, display and ritual that defined court life at Versailles. Present arguments and ideas in formal and informal settings.
- Lead discussions based on assigned readings.
- Analyze historiographical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include a combination of lectures, seminar discussion and use of relevant audio/visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                  | <u>Current Edition</u>   | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|------------------------------------------------------------------------------|--------------------------|-----------------------------|-----------------------|
| 1.                                       | See attached book list.                                                      | <input type="checkbox"/> |                             |                       |
| 2.                                       | Selected primary sources available online                                    | <input type="checkbox"/> |                             |                       |
| 3.                                       | Selected articles available through JSTOR and Historical Abstracts databases | <input type="checkbox"/> |                             |                       |
| 4.                                       |                                                                              | <input type="checkbox"/> |                             |                       |
| 5.                                       |                                                                              | <input type="checkbox"/> |                             |                       |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                                                      |                                |                                 |              |
|------------------------------------------------------|--------------------------------|---------------------------------|--------------|
| Final exam: 25%                                      | Active Class Participation 10% | Midterm exam: %                 | Practicum: % |
| Quizzes/tests: %                                     | Lab work: %                    | Field experience: %             | Shop work: % |
| Other: Thesis Outline and Annotated Bibliography 15% | Other: Seminar Leadership 15%  | Other: Major Research Paper 35% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction – What is Court Culture  
 Week 2: Absolutism in Theory and Practice  
 Week 3: Setting the Stage: The Fronde  
 Week 4: Building the Stage: The Construction of Versailles  
 Week 5: Publicizing the Star  
 Week 6: The Sacred and the State  
 Week 7: Warfare and the Pursuit of "la Gloire"  
 Week 8: The King's Bodies – Personal and Political  
 Week 9: Choosing the Players: The Creation of Courtiers  
 Week 10: The Sinews of Power: Gift-giving and Patronage  
 Week 11: Ritual, Theatre and Display  
 Week 12: The Court and Consumption  
 Week 13: The Sun Sets



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 2008  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: HIST 414

Number of Credits:4 [Course credit policy \(105\)](#)

Course Full Title: Tudor-Stuart Britain  
 Course Short Title:

Faculty: Faculty of Humanities

Department (or program if no department): History

### Calendar Description:

Students will explore politics, society, and culture in Tudor-Stuart Britain. Topics include the nature of Anglicanism, crime and punishment, gender and political theory, the causes of the English Civil War, and the emergence of new cultural institutions such as coffee houses and scientific societies.

**Prerequisites (or NONE):** 9 credits of lower-level history and any 300-level history course.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 70

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 10        |
| Seminars/tutorials/workshops               | 60        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>70</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 20

**Expected frequency of course offerings**  
 (every semester, annually, etc.): Every second year

Department / Program Head or Director: Chris Leach

Date approved: October 21, 2014

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Jacqueline Nolte

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

**HIST 414**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Recount a detailed political narrative of the Tudor-Stuart period
- Present arguments and ideas in formal and informal settings.
- Set the framework for, and lead, seminar discussion
- Analyze historiographical debates in the field.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures, student-led seminar discussions, films and online activities

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                         | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1.                                  | See attached.                                                                       | <input type="checkbox"/> |                                 |                           |
| 2.                                  | Selected primary sources available online                                           | <input type="checkbox"/> |                                 |                           |
| 3.                                  | Selected articles available through the JSTOR and<br>Historical Abstracts databases | <input type="checkbox"/> |                                 |                           |
| 4.                                  |                                                                                     | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                                     | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                                                     |     |                            |     |                             |     |            |      |
|-----------------------------------------------------|-----|----------------------------|-----|-----------------------------|-----|------------|------|
| Final exam:                                         | 25% | Active Class Participation | 10% | Midterm exam:               | %   | Practicum: | %    |
| Quizzes/tests:                                      | %   | Lab work:                  | %   | Field experience:           | %   | Shop work: | %    |
| Other: Thesis Outline and<br>Annotated Bibliography | 15% | Other: Seminar Leadership  | 15% | Other: Major Research Paper | 35% | Total:     | 100% |

**Grading system:** Letter Grades: ☐ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**Typical Course Content and Topics**

Week 1 – Introduction  
 Week 2 – Sir Geoffrey Elton and the Tudor Revolution in Government  
 Week 3 – The “King’s Great Matter” and the English Reformation  
 Week 4 – Elizabeth and the Politics of Gender  
 Week 5 – Witches and Witch-hunting in Early Modern England  
 Week 6 – Gift-giving and Community  
 Week 7 – The Culture of Consumption  
 Week 8 – Stuart Absolutism?  
 Week 9 – The English Civil War  
 Week 10 – Restoration, Revelry and Resistance  
 Week 11 – Science in the Service of the State  
 Week 12 – The Glorious Revolution  
 Week 13 – “Englishness” and the Beginnings of Empire



ORIGINAL COURSE IMPLEMENTATION DATE: Sept. 1994  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 415                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Course Full Title:</b> Continuity and Change in Victorian Britain<br><b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Calendar Description:</b><br>This course will consider the impact of consumption, class, science, technology, and empire on the evolution of Victorian Britain. The course will also consider the construction of popular historical narratives and their impact on scholarly and popular interpretations of Victorian Britain.                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Prerequisites (or NONE):</b><br>9 credits of lower-level history and any 300-level history course. HIST 109 and HIST 110 are recommended,<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                              |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: right;">15</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">45</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15 | Seminars/tutorials/workshops | 45 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings</b><br>(every semester, annually, etc.): Every second year.                                                                                                                                                                                                                                                                                                                                                     |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Department / Program Head or Director:</b> Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date approved:</b> October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                           |  |

HIST 415

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in the history of Victorian Britain.
- Discuss and debate themes and issues in the history of Victorian Britain
- Present arguments and ideas in formal and informal settings.
- Lead discussions based on assigned readings.
- Analyze historiographical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

The instructional methods include a brief introductory lecture followed by seminar discussions and in-class small group work and presentations..

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u>                                             | <u>Title (article, book, journal, etc.)</u> | <u>Current Edition</u>     | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|---------------------------------------------------------------------------------|---------------------------------------------|----------------------------|---------------------------------|---------------------------|
| 1. George and<br>Weedon<br>Grossmith                                            | Diary of a Nobody.                          | x <input type="checkbox"/> | Broadview<br>Press              |                           |
| 2. Henry Mayhew                                                                 | London Labour and the London Poor           | X <input type="checkbox"/> | Penguin                         |                           |
| 3. Articles and<br>documents<br>available online<br>through the UFV<br>Library. |                                             | <input type="checkbox"/>   |                                 |                           |
| 4.                                                                              |                                             | <input type="checkbox"/>   |                                 |                           |
| 5.                                                                              |                                             | <input type="checkbox"/>   |                                 |                           |

**Typical Evaluation Methods and Weighting**

|                                              |     |                                                            |     |                                                            |            |            |      |
|----------------------------------------------|-----|------------------------------------------------------------|-----|------------------------------------------------------------|------------|------------|------|
| Final exam:                                  | 20% | Assignments: Film Responses (two approx.. 1000 words each) | 20% | In-class Presentation (notes submitted to instructor) (5%) | Practicum: | %          |      |
| Quizzes/tests:                               | %   | Lab work:                                                  | %   | Field experience:                                          | %          | Shop work: | %    |
| Reading Synopses (10 approx. 200 words each) | 10% | Research Essay (approx.. 3000 words)                       | 30% | Participation:                                             | 15%        | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Week 1: Introduction: Historians and Victorian Britain.  
 Week 2: Technological Revolutions and the Nineteenth Century.  
 Week 3: Changing Worlds: Rural and Urban Britain.  
 Week 4: Working Class Culture.  
 Week 5: Crime, Authority and the Institutions of the State.  
 Week 6: Constructing a Popular Historical Narrative: London's Working Class and London's Poor.  
 Week 7: Religion, Science and the Victorian World.  
 Week 8: Consumption and Leisure.  
 Week 9: Empire and Victorian Society at Home.  
 Week 10: 'Play Up and Play the Game': The British as a 'Martial Race'.  
 Week 11: Education and Victorian Society.  
 Week 12: Gentility, Manners and Respectability.  
 Week 13: Constructing a Popular Narrative: Class and Gender.



ORIGINAL COURSE IMPLEMENTATION DATE: Jan. 2004  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> HIST 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Course Full Title:</b> Canada and Migration<br><b>Course Short Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Department (or program if no department):</b> History |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Calendar Description:</b><br><p>This course surveys the history of migrant groups in Canada, and considers major trends in immigration policy and changing immigrant profiles. It will also address major themes and theoretical approaches to migration studies. Migration literature will supplement the historical readings.</p>                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history and any 300-level history course.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                 |                                                          | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td>10</td></tr> <tr><td>Seminars/tutorials/workshops</td><td>50</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td><b>Total</b></td><td><b>60</b></td></tr> </table> |                                                          | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 | Seminars/tutorials/workshops | 50 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>60</b>                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          | <b>Maximum enrolment (for information only):</b> 20<br><b>Expected frequency of course offerings (every semester, annually, etc.):</b> Every second year                                                                                                                                                                                                                                                                                                                                                         |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Department / Program Head or Director:</b> Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          | <b>Date approved:</b> October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |

**HIST 430**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Canadian History.
- Discuss and debate themes and issues in Canadian History.
- Present arguments and ideas in formal and informal settings.
- Lead discussions based on assigned readings.
- Analyze historiographical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Methods include lecture, seminar discussion of readings, and use of relevant audio visual materials,

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                | <u>Current Edition</u>   | <u>Place of Publication</u>                               | <u>Year</u> |
|------------------------------------------|------------------------------------------------------------|--------------------------|-----------------------------------------------------------|-------------|
| 1. Messamore, B. J. ed.                  | Canadian Migration Patterns from Britain and North America | <input type="checkbox"/> | Ottawa:<br>University of Ottawa Press                     | 2008        |
| 2. Grouev, I. ed.                        | Bullets on the Water: Refugee Stories                      | <input type="checkbox"/> | Montreal and Kingston:<br>McGill-Queen's University Press | 2000        |
| 3. Riddick, T. V.                        | The Evergreen Country: A Memoir of Vietnam                 | <input type="checkbox"/> | Regina: Hagios Press                                      | 2007        |
| 4.                                       |                                                            | <input type="checkbox"/> |                                                           |             |
| 5.                                       |                                                            | <input type="checkbox"/> |                                                           |             |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                                                                              |                                                       |                                |              |
|------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|--------------|
| Final exam: 20%                                                              | Assignments: Essay proposal (10%) and essay (20%) 30% | Midterm exam: %                | Practicum: % |
| Quizzes/tests: %                                                             | Lab work: %                                           | Field experience: %            | Shop work: % |
| Other: Collective reading synopsis (10%) and seminar participation (25%) 35% | Other: Accompanying abstract 5%                       | Other: Peer essay critique 10% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

Unit 1: Overview and historiography  
 Unit 2: New France and the Acadian Exiles  
 Unit 3: Loyalists and "Late Loyalists:" Migration, Ideology and Identity  
 Unit 4: Nineteenth Century Migration from the British Isles: Myths and Reality, part 1  
 Unit 5: Nineteenth Century Migration from the British Isles: Myths and Reality, part 2  
 Unit 6: Western Canada and Early Asian Immigration  
 Unit 7: Early Asian Immigration, part 2  
 Unit 8: Immigrant Women, Immigrant Children  
 Unit 9: Post World War II: Changing Immigration Policy and the Remaking of the National Fabric  
 Unit 10: "The Ethnic Vote:" Modern Quebec and Immigration  
 Unit 11: Putting Flesh on the Bones: Family Migration Stories  
 Unit 12: Putting Flesh on the Bones, part 2



ORIGINAL COURSE IMPLEMENTATION DATE: September 2008  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|--------------------------------------------|---|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Code and Number: HIST 431                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | Number of Credits: 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Course Full Title: Canada and the World                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Course Short Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Faculty: Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Department (or program if no department): History                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br>This course examines Canadian foreign policy, and its interrelationship with identity, from Confederation to the post-Cold War era.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b> 9 credits of lower-level history and any 300-level history course.<br><b>Corequisites (if applicable, or NONE):</b> NONE<br><b>Pre/corequisites (if applicable, or NONE):</b> NONE                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                       |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input type="checkbox"/> No (Note: If yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td></td></tr> <tr><td>Seminars/tutorials/workshops</td><td>55</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours: Student Presentations</td><td>5</td></tr> <tr><td><b>Total</b></td><td><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 55 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: Student Presentations | 5 | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes,<br>Different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 55        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours: Student Presentations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Department / Program Head or Director:</b> Chris Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b> October 21, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                                            |   |              |           |                                                                                                                                                                                                                                                                                                                                                                                                     |  |



**HIST 431**

**University of the Fraser Valley Official Undergraduate Course Outline**

Page 2 of 2

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Canadian History.
- Discuss and debate themes and issues in Canadian History.
- Present arguments and ideas in formal and informal settings.
- Lead discussions based on assigned readings.
- Analyze historiographical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include seminar discussions, audio-visual materials, and student presentations.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u>                 | <u>Title (article, book, journal, etc.)</u>                                                          | <u>Current<br/>Edition</u> | <u>Place of Publication</u>                 | <u>Year<br/>Published</u> |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|---------------------------|
| 1. Bothwell, R.                                     | Alliance and Illusion: Canada and the World 1945-1984                                                | <input type="checkbox"/>   | Vancouver: UBC Press                        | 2007                      |
| 2. Bratt, D. and<br>Christopher J.<br>Kukucha, eds. | Readings in Canadian Foreign Policy: Classic Debates and New Ideas                                   | <input type="checkbox"/>   | New York:<br>Oxford University<br>press USA | 2006                      |
| 3. Hillmer, N. and<br>J.L. Granatstein              | Empire to Umpire: Canada and the World into the 21 <sup>st</sup><br>Century, 2 <sup>nd</sup> Edition | <input type="checkbox"/>   | Toronto: Thomson<br>Nelson, 2008            | 1994                      |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

N/A

**Typical Evaluation Methods and Weighting**

|                                                                       |                              |                                        |              |
|-----------------------------------------------------------------------|------------------------------|----------------------------------------|--------------|
| Final exam: %                                                         | Assignments: Major essay 40% | Midterm exam: %                        | Practicum: % |
| Quizzes/tests: %                                                      | Lab work: %                  | Field experience: %                    | Shop work: % |
| Other: Seminar participation (15%) & seminar questions 3x5% (15%) 30% | Other: Presentation 10%      | Annotated bibliography and Outline 20% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

- Week 1 Introduction
- Week 2 Early Years
- Week 3 Between the Eagle and the Lion – Trade, Boundaries and Tension
- Week 4 Canadian Imperialism and the Relationship with the Empire, 1890-1914
- Week 5 The Great War and Canadian Emergence on the World Stage, 1915-1919
- Week 6 The Interwar Years and the British Empire and Commonwealth
- Week 7 The Interwar Years, The League of Nations and the Descent into War
- Week 8 The Second World War: Canada and Britain
- Week 9 The Second World War: Canada and the United States
- Week 10 Canada and the United Nations – Golden Age of Liberal Internationalism, 1945-1957
- Week 11 Cold Warrior
- Week 12 Vietnam, Trudeau and Loss of Confidence, late 1960s to 1989
- Week 13 New Directions? Post-Cold War Foreign Policy

**Memo for Course Changes**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 21, 2014

**Subject: Proposal for revisions of HIST 426: Canadian Aboriginal Peoples and Warfare: Pre-contact to the 20<sup>th</sup> Century**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

Routine review. All course information was transferred to the new forms. Course descriptions were shortened to meet the new criteria (approximately 40 words). Pre-requisites phrasing was changed to meet the new UEC and departmental criteria.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

Course learning objectives were updated to reflect new language at UFV, the need to align objectives to Institutional Learning Outcomes, and to better reflect what we expect of students at each level (none of this changes the actual content of the course or the expectations faculty have of students – it merely ensures clarity).

- 4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? No.
- 5. Which program areas have been consulted about the change(s)? None outside our department.
- 6. What consideration has been given to indigenizing the curriculum? The focus of this course is Canadian indigenous peoples.
- 7. If this course is not eligible for PLAR, explain why: N/A

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value N/A
  - b. Class size limit N/A
  - c. Frequency of offering N/A
  - d. Resources required (labs, equipment) N/A
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials: \$700 - \$850 including tuition, ancillary fees, and textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: Jan. 2006  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 426

**Number of Credits:** 4 Course credit policy (105)

**Course Full Title:** Canadian Indigenous Peoples and Warfare: Pre-contact to the 20<sup>th</sup> Century

**Course Short Title:**

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course traces the relationship between warfare and Canada's Indigenous peoples, exploring not only weaponry, tactics, and patterns of warfare, but also the socio-cultural context of warriors and warfare.

**Prerequisites (or NONE):** 9 credits of lower-level history and any 300-level history course.

**Corequisites (if applicable, or NONE):** NONE

**Pre/corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☒ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 60

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 20        |
| Seminars/tutorials/workshops               | 40        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 20

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every second year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

HIST 426

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Indigenous military History.
- Discuss and debate themes and issues in Indigenous military History.
- Present arguments and ideas in formal and informal settings.
- Lead discussions based on assigned readings.
- Analyze historiographical debates on the subject.
- Demonstrate in-depth knowledge of the importance of context, evidence, perspective, and research in the study of history.
- Work with multiple sources, both primary and secondary.
- Write for historical audiences.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures, discussions and the use of audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u> | <u>Current Edition</u>   | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|---------------------------------------------|--------------------------|-----------------------------|-----------------------|
| 1.                                       | Coursepack                                  | <input type="checkbox"/> |                             |                       |
| 2.                                       |                                             | <input type="checkbox"/> |                             |                       |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

N/A

## Typical Evaluation Methods and Weighting

|                              |                                                                |                                                      |              |
|------------------------------|----------------------------------------------------------------|------------------------------------------------------|--------------|
| Final exam: %                | Assignments: Primary research essay and historical fiction 40% | Midterm exam: %                                      | Practicum: % |
| Quizzes/tests: %             | Lab work: %                                                    | Field experience: %                                  | Shop work: % |
| Other: Oral presentation 10% | Seminar participation 15%, plus seminar questions (2x5%) 25%   | Other: Outline/Annotated bibliography assignment 25% | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

|                |                                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|
| Week One:      | Introduction – Defining “war” and studying violence in prehistoric societies<br>Pre-contact Regional Survey – British Columbia |
| Week Two:      | Pre-contact Regional Surveys – Plains / Northeast Woodland / Subarctic and Tundra                                              |
| Week Three:    | Europe, 15th to 18th centuries<br>Thickening Contact                                                                           |
| Week Four:     | New France and the Iroquois to 1700                                                                                            |
| Week Five:     | Patterns in New World Conflict to the 1740s                                                                                    |
| Week Six:      | The Middle Ground - New World Warfare, 1750 to 1776                                                                            |
| Week Seven:    | The Middle Ground, 1776-1815                                                                                                   |
| Week Eight:    | Contact and Conflict in British Columbia                                                                                       |
| Week Nine:     | Plains Conflict in the 18th and 19th Centuries                                                                                 |
| Week Ten:      | Métis Resistance and the Northwest Rebellion                                                                                   |
| Week Eleven:   | The Fur Trade, the Subarctic and the Inuit                                                                                     |
| Week Twelve:   | The First and Second World Wars                                                                                                |
| Week Thirteen: | Aboriginal Veterans<br>20th Century Native-Military Relations                                                                  |

**From:** Chris Leach  
**Sent:** January-27-15 1:13 PM  
**To:** Amanda Grimson  
**Subject:** RE: Lower level European history courses

Hi Amanda,

I suppose given the nuances of the changes that option 2 is the correct approach. There are changes to the content of each course that justifies them as being 'new'. We will discontinue the old courses then.

I am still inclined to change the number for 108. There is indeed new content (quite significant) and the sequencing is also logical.

Cheers,  
Chris

Dr Christopher Leach  
Department Head, History  
University of the Fraser Valley  
33844 King Road  
Abbotsford, BC  
V2S 7M8

**From:** Amanda Grimson  
**Sent:** Monday, January 26, 2015 12:49 PM  
**To:** Chris Leach  
**Subject:** RE: Lower level European history courses

Hi Chris,

Thanks for responding. I'm still not sure I'm completely clear on the relationship between these courses, as you mentioned that they "result in a discontinuation of the old courses". Does this mean you intend to submit a request to discontinue the old courses as well? (This only happens automatically when a course's number is changed, not when a new course is created that has a equivalency to an existing course. It's a relatively subtle distinction, but one I need to make sure I'm clear on so that things are done correctly.)

Essentially (as you are probably aware), there are two different ways to go about this type of change:

1. Change the course number (often accompanied by other revisions to the course). This means that any students who have taken the previous version of the course cannot take the new one for credit, and the previous number is updated to the new one throughout the calendar.
2. Create a new course that is equivalent to an existing course. This means that any students who have taken the old course cannot take the new course for credit, but both courses remain active (and listed in the course descriptions section of the calendar) until the department requests that one be discontinued. Any programs that include the old course will need to be updated as program changes.

There are sometimes very specific reasons for choosing #2, but it's much less common and I just want to be sure you're aware of the differences and are choosing that route intentionally.

I'm also not sure that your explanation for changing HIST 108 will satisfy the UEC Screening Subcommittee, but I can pass it along. When this was discussed, the committee did not see a particular reason why the content of the existing HIST 108 could not simply be revised. UEC has been discouraging of number changes solely for sequencing purposes.

Thanks,  
Amanda

**From:** Chris Leach  
**Sent:** January-22-15 9:55 AM  
**To:** Amanda Grimson  
**Subject:** Lower level European history courses

Hi Amanda,

Nicole and I will send along the changes and comments for the requests you sent, but I wanted to clarify the issues around HIST 120, 121, 122, and 162.

These courses are both 'new' and replacements for old courses (108, 208, 209, 210, 262 respectively). They are replacements in that they broadly cover the same periods as the old courses and clearly replace those old courses in terms of program function. They are 'new' as well, and result in a discontinuation of the old courses, since the content (including some degree of time period changes) is different.

This includes 108 turning into 120. The content is somewhat different, but it still serves as the first of our European surveys, hence the number change. The sequential numbering should communicate the temporal linkages of these new European surveys (120, 121, 122).

So, what can we do to make this clear? Is this email enough?

All the best,  
Chris

Dr Christopher Leach  
Department Head, History  
University of the Fraser Valley  
33844 King Road  
Abbotsford, BC  
V2S 7M8

**Memo for New Course**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 23, 2014

**Subject: Proposal for new course HIST 120: Europe 500-1600: Saints and Sinners in the Medieval World**

1. Rationale for new course:

HIST 120 replaces HIST 108. HIST 108 will be discontinued. In addition to the renumbering the new course involves a minor content revision of HIST 108. The new course fits into a general revision of the European history course offerings at the lower level. This revision sees our current slate of four survey courses positioned at the 100 and 200-levels (HIST 108, HIST 208, HIST 209, and HIST 210) reduced to three courses all dropped down to the 100-level. As noted, the period covered by the four previous courses (500 CE to the present) will now be covered by three courses (HIST 120, HIST 121, and HIST 122).

It is hoped that this general revision will achieve three things: 1. The 100-level designation of the new courses will render them transparently 'introductory' and therefore more attractive to students taking history as an elective or starting their program in the discipline. 2. Reducing the number of courses covering the narrative breadth will ease scheduling and workload issues and hopefully will ensure a more stable enrolment across the three courses. 3. The narrative scope of each of the three courses more precisely fit into the teaching program requirements for European history.

Please note:

- Pre-reqs for the courses did not change
- The course content and expectations did not change
- Students will still be able to take these courses at any point in their academic career
- Students who have taken HIST 108 cannot take HIST 120 for further credit
- Students can take HIST 211 ~~(109)~~ and HIST 120 ~~(108)~~ and obtain credit for each course

2. How this new course fits into program(s): This course satisfies part of the lower-level breadth requirements for the History Major, Extended Minor and Minor.
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): The learning outcomes for this course match the learning outcomes specified for the History program as appropriate to the introductory level of the course.
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? No



5. Which program areas have been consulted about the course? The History Department
6. If a new discipline designation is required, explain why: N/A
7. What consideration has been given to indigenizing the curriculum? We have an ongoing commitment to indigenizing our curriculum where relevant.
8. If this course is not eligible for PLAR, explain why: N/A
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value: 3
  - b. Class size limit: 36
  - c. Frequency of offering: Once each year
  - d. Resources required (labs, equipment): Technology assisted requiring e-rooms.
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
11. Estimate of the typical costs for this course, including textbooks and other materials: \$100-250 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

**Course Code and Number:** HIST 120

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Europe 500-1600: Saints and Sinners in the Medieval World

**Course Short Title:** Europe 500-1600

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

Students will study the legacy of the ancient cultures which grew up around the Mediterranean Sea. Topics include the emergence and transformation of the medieval European world, paying close attention to the influence of gender, identity, and status.

**Note: Students with credit for HIST 108 cannot take this course for further credit.**

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** None.

**Pre/corequisites (if applicable, or NONE):** None.

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s): HIST 108

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☒ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☒ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 35        |
| Seminars/tutorials/workshops               | 10        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Annually

**Department / Program Head or Director:** Dr Christopher Leach

**Date approved:** October 27, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Dr Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

HIST 120

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify key components in medieval European History.
- Discuss and debate themes and issues in medieval European History.
- Identify the differences between primary and secondary sources and be able to use these distinct materials as the basis of historical inquiry.
- Articulate the relationship between the past and the present in the study of history.
- Identify some of the features of historical analysis, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures, small-group activities, in-class writing assignments and the use of audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

|    | <u>Author Surname,<br/>Initials</u>         | <u>Title (article, book, journal, etc.)</u>   | <u>Current Edition</u>              | <u>Publisher</u> | <u>Year<br/>Published</u> |
|----|---------------------------------------------|-----------------------------------------------|-------------------------------------|------------------|---------------------------|
| 1. | Kagan, Richard<br><i>et al</i>              | The Western Heritage, Vol. 1                  | <input checked="" type="checkbox"/> | Pearson          | 2013                      |
| 2. | Supplemental<br>online primary<br>documents | Medieval History Sourcebook (online resource) | <input type="checkbox"/>            |                  |                           |
| 3. |                                             |                                               | <input type="checkbox"/>            |                  |                           |
| 4. |                                             |                                               | <input type="checkbox"/>            |                  |                           |
| 5. |                                             |                                               | <input type="checkbox"/>            |                  |                           |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 30% | Assignments: | 40% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Participation  | 10% | Other:       | %   | Other:            | %   | Total:     | 100% |

Details (if necessary):

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

## Typical Course Content and Topics

Week 1: Introduction: The Emergence of "History"  
 Week 2: The Legacy of Antiquity  
 Week 3: The Fall of the Roman Empire and the Rise of Christianity  
 Week 4: Rome's Successors – Byzantium, Islam and the West  
 Week 5: The Age of Charlemagne  
 Week 6: Feudalism and Manorialism  
 Week 7: Midterm Exam  
 Week 8: The Flowering of Medieval Civilization  
 Week 9: The Commercial Revolution and the Rise of Towns  
 Week 10: The Collapse of the Medieval World  
 Week 11: The Renaissance  
 Week 12: Christians in Crisis: The Reformation  
 Week 13: New Worlds, New Worldviews

**Memo for New Course**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 23, 2014

**Subject: Proposal for new course HIST 121: Europe 1600-1850: Kings, Philosophers, and Revolutionaries**

1. Rationale for new course:

HIST 121 replaces HIST 208 and part of HIST 209 (Students who have taken 209 may take 121 for further credit). In addition to the renumbering the new course more broadly integrates most of the content presented in HIST 208 and some from HIST 209. The new course fits into a general revision of the European history course offerings at the lower level. This revision sees our current slate of four survey courses positioned at the 100 and 200-levels (HIST 108, HIST 208, HIST 209, and HIST 210) reduced to three courses all dropped down to the 100-level. As noted, the period covered by the four previous courses (500 CE to the present) will now be covered by three courses (HIST 120, HIST 121, and HIST 122).

It is hoped that this general revision will achieve three things: 1. The 100-level designation of the new courses will render them transparently 'introductory' and therefore more attractive to students taking history as an elective or starting their program in the discipline. 2. Reducing the number of courses covering the narrative breadth will ease scheduling and workload issues and hopefully will ensure a more stable enrolment across the three courses. 3. The narrative scope of each of the three courses more precisely fit into the teaching program requirements for European history.

2. How this new course fits into program(s): This course satisfies part of the lower-level breadth requirements for the History Major, Extended Minor and Minor.
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): The learning outcomes for this course match the learning outcomes specified for the History program as appropriate to the introductory level of the course.
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? No
5. Which program areas have been consulted about the course? The History Department
6. If a new discipline designation is required, explain why: N/A
7. What consideration has been given to indigenizing the curriculum? We have an ongoing commitment to indigenizing our curriculum where relevant.
8. If this course is not eligible for PLAR, explain why: N/A
9. Explain how each of the following will affect the budget for your area or any other area:

- a. Credit value: 3
  - b. Class size limit: 36
  - c. Frequency of offering: Once each year
  - d. Resources required (labs, equipment): Technology assisted requiring e-rooms.
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
11. Estimate of the typical costs for this course, including textbooks and other materials: ~~\$442.20 for tuition and student fees.~~ \$100-250 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 121

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Europe 1600-1850: Kings, Philosophers, and Revolutionaries

**Course Short Title:** Europe 1600-1850

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the period during which European states defined their national identities while seeking continental and global supremacy. Powerful monarchies emerged along with complex societies. Wealth, war, and ideas share the stage with political and industrial revolutions.

**Note:** Students with credit for HIST 208 cannot take this course for further credit.

**Prerequisites (or NONE):** None

**Corequisites (if applicable, or NONE):** None

**Pre/corequisites (if applicable, or NONE):** None

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s): **HIST 208**

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☒ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☒ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours:** 45

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 35        |
| Seminars/tutorials/workshops               | 10        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Annually

**Department / Program Head or Director:** Dr Christopher Leach

**Date approved:** October 27, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Dr Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 121**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 2**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify key components in early modern European History to 1850
- Discuss and debate themes and issues in European History.
- Identify the differences between primary and secondary sources and be able to use these distinct materials as the basis of historical inquiry.
- Articulate the relationship between the past and the present in the study of history.
- Identify some of the features of historical analysis, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, student presentations, class discussions, and the use of audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

|    | <u>Author Surname,<br/>Initials</u>         | <u>Title (article, book, journal, etc.)</u>                               | <u>Current Edition</u>              | <u>Publisher</u> | <u>Year<br/>Published</u> |
|----|---------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|------------------|---------------------------|
| 1. | Kishlansky, Mark<br><i>et al</i>            | Civilization in the West, Vol. B, From 1350-1850, 7 <sup>th</sup> Edition | <input checked="" type="checkbox"/> | Pearson          | 2008                      |
| 2. | Supplemental<br>online primary<br>documents | Modern History Sourcebook (online resource)                               | <input type="checkbox"/>            |                  |                           |
| 3. |                                             |                                                                           | <input type="checkbox"/>            |                  |                           |
| 4. |                                             |                                                                           | <input type="checkbox"/>            |                  |                           |
| 5. |                                             |                                                                           | <input type="checkbox"/>            |                  |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 25% | Assignments: | 45% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Participation  | 10% | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**Typical Course Content and Topics**

Week 1: Course introduction: What is modern?  
 Week 2: The Religious Wars and State Building  
 Week 3: Models of Monarchical States: The English Compromise  
 Week 4: Continental Absolutism: France and Russia  
 Week 5: War and European Globalization  
 Week 6: Mid-term Exam  
 Week 7: Knowing the World: Science and Popular Culture  
 Week 8: Enlightenment?  
 Week 9: The French Revolution  
 Week 10: The Congress of Vienna: the Legacy of the French Revolution and Napoleon  
 Week 12: Industrial Revolution  
 Week 13: Mid-century Revolutions: Monarchies and the Nation-State

**Memo for New Course**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 23, 2014

**Subject: Proposal for new course HIST 122**

1. Rationale for new course:

HIST 122 replaces HIST 210. HIST 210 will be discontinued. In addition to the renumbering the new course involves a minor content revision of HIST 210. The new course fits into a general revision of the European history course offerings at the lower level. This revision sees our current slate of four survey courses positioned at the 100 and 200-levels (HIST 108, HIST 208, HIST 209, and HIST 210) reduced to three courses all dropped down to the 100-level. As noted, the period covered by the four previous courses (500 CE to the present) will now be covered by three courses (HIST 120, HIST 121, and HIST 122).

It is hoped that this general revision will achieve three things: 1. The 100-level designation of the new courses will render them transparently 'introductory' and therefore more attractive to students taking history as an elective or starting their program in the discipline. 2. Reducing the number of courses covering the narrative breadth will ease scheduling and workload issues and hopefully will ensure a more stable enrolment across the three courses. 3. The narrative scope of each of the three courses more precisely fit into the teaching program requirements for European history.

2. How this new course fits into program(s): This course satisfies part of the lower-level breadth requirements for the History Major, Extended Minor and Minor.
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): The learning outcomes for this course match the learning outcomes specified for the History program as appropriate to the introductory level of the course.
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? No
5. Which program areas have been consulted about the course? The History Department
6. If a new discipline designation is required, explain why: N/A
7. What consideration has been given to indigenizing the curriculum? We have an ongoing commitment to indigenizing our curriculum where relevant.
8. If this course is not eligible for PLAR, explain why: N/A
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value: 3
  - b. Class size limit: 36



- c. Frequency of offering: Once each year
  - d. Resources required (labs, equipment): Technology assisted requiring e-rooms.
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
11. Estimate of the typical costs for this course, including textbooks and other materials: \$100-250 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

**Course Code and Number:** HIST 122

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** Europe Since 1850: Imperialism, Total War, and the Question of Unity

**Course Short Title:** Europe Since 1850

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

This course examines the ascendancy of Europe from the mid-1800s to its destruction in two world wars, and its political, cultural, social, and economic reconstruction during and after the Cold War.

**Note: Students with credit for HIST 210 cannot take this course for further credit.**

**Prerequisites (or NONE):** None

**Corequisites (if applicable, or NONE):** None

**Pre/corequisites (if applicable, or NONE):** None

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s): **HIST 210**

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☒ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☒ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 45

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 39        |
| Seminars/tutorials/workshops               | 6         |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**  
(every semester, annually, etc.): Annually

**Department / Program Head or Director:** Dr. Chris Leach

**Date approved:** October 27, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Dr. Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

HIST 122

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- identify the fundamental elements and concepts of historical method: periodization, causation, etc.;
- Identify the differences between primary and secondary sources and be able to use these distinct materials as the basis of historical inquiry.
- identify and state the historical significance of some of the major primary sources of European history since 1914;
- identify the historical significance of many of the major events, ideas, and developments of the period studied (e.g., the Paris Peace Conference, Nazism, European economic integration).
- identify some of the features of historical *analysis*, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures, student presentations, discussions, and the use of audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                               | <u>Current Edition</u>              | <u>Publisher</u> | <u>Year Published</u> |
|------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------|------------------|-----------------------|
| 1. Merriman, J.                          | A History of Modern Europe, Volume 2: From the French Revolution to the Present (3rd ed.) | <input checked="" type="checkbox"/> | W.W. Norton      | 2009                  |
| 2. Perry, Berg, Krukons                  | Sources of European History Since 1900 (2nd Ed.)                                          | <input checked="" type="checkbox"/> | Wadsworth        | 2011                  |
| 3.                                       |                                                                                           | <input type="checkbox"/>            |                  |                       |
| 4.                                       |                                                                                           | <input type="checkbox"/>            |                  |                       |
| 5.                                       |                                                                                           | <input type="checkbox"/>            |                  |                       |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 25% | Assignments: | 40% | Midterm exam:     | 15% | Practicum: | %    |
| Quizzes/tests: | 20% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

Details (if necessary):

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

## Typical Course Content and Topics

Week 1: Post-1848 Europe: Socialism, Nationalism, and Militarism  
 Week 2: European Imperialism & the Outbreak of the First World War  
 Week 3: Russian Revolution and Peace Settlements  
 Week 4: The Soviet Union under Stalin  
 Week 5: Fascism: Mussolini, Franco and Hitler  
 Week 6: Crisis in the 1930s and the origins of WWII  
 Week 7: Second World War and the Holocaust  
 Week 8: Postwar Settlements and the development of the Cold War  
 Week 9: Eastern Europe and the Soviet Union  
 Week 10: Rebuilding and reinventing the west: prosperity, welfare, integration and the cultural reaction  
 Week 11: From Detente to renewed Cold War tensions: 1970s-1980s  
 Week 12: The collapse of European Communism  
 Week 13: Europe in the 1990s

**Memo for New Course**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 21, 2014

**Subject: Proposal for a new course – HIST 162: Soccer & Song in Latin America**

1. Rationale for new course: HIST 162 replaces HIST 262 (which will be removed from the Academic Calendar and no longer be offered). HIST 162 complements HIST 161, a new Latin American history course created by Geof Spurling last year. The two new courses replace the second-year, standard surveys of Latin American history (one colonial [261], one national period [262]), with more focused subject matter that will be of more interest to new students while addressing major historical issues. HIST 162 explores critically important questions in the modern history of Latin America (19th century to the present day) through the study of soccer and music. As a 100-level course, and with this subject matter, the offering should appeal to incoming students. In addition, the course designer, Geof Spurling, will pay significant attention to historical skills as well as those associated with writing for History. The course, then, will serve as an excellent introductory course for students entering UFV and the History Department.
2. How this new course fits into program(s): HIST 162 replaces HIST 262. This means that we will still have 2 lower-level Latin American offerings, but both will now be at the 100 level.
3. Explain how the course learning outcomes align with the learning outcomes of the program(s):  
The course satisfies several UFV learning outcomes, including:
  - a. Demonstrate information competency – students will work with a range of sources, gathering and synthesizing information from a variety of perspectives
  - b. Analyze critically and imaginatively
  - c. Use knowledge and skills proficiently
  - d. Initiate inquiries and develop solutions to problems – done via historical exercises, problem-based inquiry, etc.
  - e. Communicate effectively – the course emphasizes written and oral communication, with significant time devoted to developing students' writing skills
  - f. Pursue self-motivated and self-reflective learning
  - g. Engage in respectful and professional practices
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? HIST 162 will be cross-listed with Latin American Studies. As it will replace HIST/LAS 262, there should be no impact on that program.
5. Which program areas have been consulted about the course? The Latin American Studies Program has been consulted.

6. If a new discipline designation is required, explain why: No new discipline designation is required.
7. What consideration has been given to indigenizing the curriculum? The course has a week devoted to Indigenous peoples and the state, focused in particular on the creation and transformation of Andean music.
8. If this course is not eligible for PLAR, explain why: N/A
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value: 3 credits
  - b. Class size limit: 36
  - c. Frequency of offering: Annually
  - d. Resources required (labs, equipment): None
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? No.
11. Estimate of the typical costs for this course, including textbooks and other materials:
  - ~~a. Tuition = \$425 plus student fees~~
  - ~~b. a. Texts = approximately \$100~~



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Course Full Title:</b> Soccer and Song in Latin America                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Soccer & Song in Latin Amer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Calendar Description:</b><br><br>This course explores the history of modern Latin America through the study of soccer and music. Using these themes students examine national and local identities; class, ethnicity, and gender; politics and military rule; resistance and exile; the drug trade; and globalization.<br><br>Note: This course is offered as HIST 162 and LAS 162. Students may take only one of these for credit. Students with credit for HIST 262/LAS 262 cannot take this course for further credit.                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with: <b>LAS 162</b><br>Equivalent course(s): <b>HIST 262/LAS 262, LAS 162</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1"> <tr> <td>Lecture hours</td> <td>30</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>15</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30 | Seminars/tutorials/workshops | 15 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Maximum enrolment (for information only):</b> 36<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> annually                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Department / Program Head or Director:</b> Dr. Christopher Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date approved:</b> 21/10/2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Dean/Associate VP:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                               |  |

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify key components in the history of nineteenth- and twentieth-century Latin America.
  - Discuss and debate themes and issues in the history of soccer and music in Latin America.
  - Identify the differences between primary and secondary sources and be able to use these distinct materials as the basis of historical inquiry.
  - Articulate the relationship between the past and the present in the study of history.
- Identify some of the features of historical analysis, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work.

## Prior Learning Assessment and Recognition (PLAR)

☐ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include the use of Powerpoint lectures, augmented with online and audio/visual materials (music, film, and still images), weekly discussion periods, and in-class exercises (in addition to assignments completed outside of class time).

**Grading system:** Letter Grades: ☐ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)             | Title (article, book, journal, etc.)                                                            | Current ed. | Publisher                 | Year |
|----------------------------------------|-------------------------------------------------------------------------------------------------|-------------|---------------------------|------|
| 1. Goldblatt, D.                       | <i>Futebol Nation: The Story of Brazil through Soccer</i>                                       | 1st         | Nation Books              | 2014 |
| 2. Nadel, J/ H.                        | <i>Futbol! Why Soccer Matters in Latin America</i>                                              | 1st         | Univ. Press of Florida    | 2014 |
| 3. Pacini Hernández, D. et. al. (eds.) | <i>Rockin' Las Americas: The Global Politics of Rock in Latin/o America</i> (selected excerpts) | 1st         | Univ. of Pittsburgh Pr.   | 2004 |
| 4. Turino, T.                          | <i>Music in the Andes: Experiencing Music, Expressing Culture</i> (selected excerpts)           | 1st         | Oxford Univ. Press        | 2008 |
| 5. Winn, P.                            | <i>Americas: The Changing Face of Latin America and the Caribbean</i>                           | 3rd         | Univ. of California Press | 2006 |
| 6. Rampolla, M.                        | <i>A Pocket Guide to Writing in History</i>                                                     | 7th         | Bedford/St. Martin's      | 2012 |
| 7.                                     | History 162 Course Pack (selected primary sources)                                              |             |                           |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

## Typical Evaluation Methods and Weighting

|                         |      |              |      |                   |      |            |      |
|-------------------------|------|--------------|------|-------------------|------|------------|------|
| Final exam:             | 25 % | Assignments: | 45 % | Midterm exam:     | 20 % | Practicum: | %    |
| Quizzes/tests:          | %    | Lab work:    | %    | Field experience: | %    | Shop work: | %    |
| Tutorial Participation: | 10 % | Other:       | %    | Other:            | %    | Total:     | 100% |

**Details (if necessary):** Assignments will include a series of writing/historical skills exercises as well as a short analysis of a selection of primary sources.

## Typical Course Content and Topics

|         |                                                                                                                                                      |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Week 1  | Course Introduction / Colonial Context                                                                                                               |
| Week 2  | Analyzing the History of Soccer and Music / New Nation States, Nineteenth-Century Liberalism, and Immigration / Soccer's Origins in Latin America    |
| Week 3  | Urban growth, Industrialization, and Political Change in Early Twentieth-Century Latin America / Tango, Soccer, Race, Class, and National Identity   |
| Week 4  | Populist Politics, Rural-Urban Migration, Nationalism, and Soccer, 1930s to the 1950s / The 1950 Maracanazo in Brazil and the 1958 World Cup victory |
| Week 5  | Andean Music and Indigenismo                                                                                                                         |
| Week 6  | Mid-Term Exam                                                                                                                                        |
| Week 7  | Military Rule and the Politics of Soccer (Brazil and Argentina)                                                                                      |
| Week 8  | Tropicalism, Rock, and Countercultures / Repression, Soccer, and Songs of Resistance and Exile (Chile)                                               |
| Week 9  | The War on Drugs and Narcosoccer                                                                                                                     |
| Week 10 | Sport, Urban Development, Violence, and the Favela / Music and Local Identities                                                                      |
| Week 11 | Gender, Sexuality, Song, and Soccer                                                                                                                  |
| Week 12 | Neoliberalism, Globalization, Corruption, and the Business of Soccer                                                                                 |
| Week 13 | Brazil, Latin America, and the 2014 World Cup / Soccer and Song in Latin America Today                                                               |



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2015  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> LAS 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Course Full Title:</b> Soccer and Song in Latin America<br><b>Course Short Title (if title exceeds 30 characters):</b> Soccer & Song in Latin Amer.                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>HIST 162</b> for the official course outline.                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calendar Description:</b><br>This course explores the history of modern Latin America through the study of soccer and music. Using these themes students examine national and local identities; class, ethnicity, and gender; politics and military rule; resistance and exile; the drug trade; and globalization.<br><br>Note: This course is offered as HIST 162 and LAS 162. Students may take only one of these for credit. Students with credit for HIST 262/LAS 262 cannot take this course for further credit. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with: <b>HIST 162</b><br>Equivalent course(s): <b>HIST 262/LAS 262, HIST 162</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                 | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |
| <b>Department / Program Head or Director:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Dean/Associate VP:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



**Memo for Course Changes**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 21, 2014

**Subject: Proposal for minor revisions of HIST 109 (England from 1066-1688: An Emerging Nation-State) and HIST 110 (A History of Britain, 1688-1990: Great Power Status and Beyond).**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☒ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

Routine review. All course information was transferred to the new forms. Course descriptions were shortened to meet the new criteria (approximately 40 words). Pre-requisites phrasing was changed to meet the new criteria (but no courses changed their pre-reqs).

In addition to these overarching changes, changes were also made to HIST 109 and 110. As part of our efforts to rationalize our program offerings, we are moving HIST 109 and HIST 110 to the 200-level, making them HIST 211 and HIST 212. Please note:

- Pre-reqs for the courses did not change
- The course content and expectations did not change
- Students will still be able to take these courses at any point in their academic career
- Students who have taken HIST 109 cannot take HIST 211 for further credit
- Students who have taken HIST 110 cannot take HIST 212 for further credit
- Students can take HIST 211 ~~(109)~~ and HIST 212 ~~(110)~~ and obtain credit for each course

This is a part of a larger effort which will see our European surveys all move to the 100-level, with nationally-specific courses moved to the 200-level.

These changes have no impact on students' options, the nature or focus of the courses, or budget.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):  
Course learning objectives were updated to reflect new language at UFV, the need to align objectives to Institutional Learning Outcomes, and to better reflect what we expect of students at each level (none of this changes the actual content of the course or the expectations faculty have of students – it merely ensures clarity).
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? No.
5. Which program areas have been consulted about the change(s)? None outside our department.
6. What consideration has been given to indigenizing the curriculum? We have an ongoing commitment to indigenizing our curriculum where relevant.
7. If this course is not eligible for PLAR, explain why: N/A
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value N/A
  - b. Class size limit N/A
  - c. Frequency of offering N/A
  - d. Resources required (labs, equipment) N/A
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? N/A
10. Estimate of the typical costs for this course, including textbooks and other materials: \$550 - \$500 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: April 1995  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** HIST 211

**Number of Credits:** 3 [Course credit policy \(105\)](#)

**Course Full Title:** England from 1066-1688: An Emerging Nation-State

**Course Short Title:** England from 1066 to 1688

**Faculty:** Faculty of Humanities

**Department (or program if no department):** History

### Calendar Description:

Students will explore English history from the Norman Conquest to the Glorious Revolution of 1688, seeking to understand how England was transformed from a peripheral player on the edge of Europe into a geo-political powerhouse, poised on the brink of empire.

**Note:** Students with credit for **HIST 109** cannot take this course for further credit.

**Prerequisites (or NONE):** None.

**Corequisites (if applicable, or NONE):** NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number: **HIST 109**

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☒ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours: 45**

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 35        |
| Seminars/tutorials/workshops               | 10        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 36

**Expected frequency of course offerings**

(every semester, annually, etc.): Every year

**Department / Program Head or Director:** Chris Leach

**Date approved:** October 21, 2014

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:** Jacqueline Nolte

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**HIST 211**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 2**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Identify important themes in medieval and early modern English history. Discuss some of the major debates among historians of medieval and early modern England.
- Identify the differences between primary and secondary sources and be able to use these distinct materials as the basis of historical inquiry
- Articulate the relationship between the past and the present in the study of history.
- Identify some of the features of historical analysis, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Teaching methods will include lectures, formal and informal class discussions based on assigned readings and audio-visual materials.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                                        | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1. Roberts, Clayton                 | A History of England, Vol. 1                                                                       | <input type="checkbox"/> | Pearson                         | 2013                      |
| 2.                                  | Selected Primary Sources available through the Internet History Sourcebook and other online sites. | <input type="checkbox"/> |                                 |                           |
| 3.                                  | Selected articles available through the JSTOR and Historical Abstract databases                    | <input type="checkbox"/> |                                 |                           |
| 4.                                  |                                                                                                    | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                                                    | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

None.

**Typical Evaluation Methods and Weighting**

|                                                     |     |                                |     |                            |     |            |      |
|-----------------------------------------------------|-----|--------------------------------|-----|----------------------------|-----|------------|------|
| Final exam:                                         | 25% | Assignments: Research Exercise | 10% | Midterm exam:              | 20% | Practicum: | %    |
| Quizzes/tests:                                      | 10% | Lab work:                      | %   | Field experience:          | %   | Shop work: | %    |
| Other: Video Reflections and other in-class writing | 10% | Primary Source Analysis        | 15% | Active Class Participation | 10% | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

1. Beginnings: Roman and Anglo-Saxon Britain
2. The Norman Conquest
3. The Angevins
4. Life in the Middle Ages
5. The Emergence of Parliament
6. The 14<sup>th</sup> Century – Crisis and Renewal
7. Midterm Exam
8. The Wars of the Roses
9. The Tudor Revolution in Government
10. Papists, Presbyterians and Puritans, oh my!
11. Elizabethan England
12. The English Civil War
13. The Glorious Revolution and Beyond



ORIGINAL COURSE IMPLEMENTATION DATE: Oct. 1978  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: HIST 212

Number of Credits:3 [Course credit policy \(105\)](#)

Course Full Title: A History of Britain, 1688-1990: Great Power Status and Beyond

Course Short Title: History of Britain, 1688-1990

Faculty: Faculty of Humanities

Department (or program if no department): History

### Calendar Description:

This course surveys the major developments in British history from the Glorious Revolution to recent times. Special attention will be given to the evolution of social, economic, and political institutions and their impact on ordinary people.

**Note:** Students with credit for HIST 110 cannot take this course for further credit.

Prerequisites (or NONE): NONE

Corequisites (if applicable, or NONE): NONE

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number: HIST 110

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☒ Yes ☐ No

Transfer credit requested (OReg to submit to BCCAT):

☐ Yes ☐ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☒ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

### Total Hours: 45

#### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 30        |
| Seminars/tutorials/workshops               | 15        |
| Laboratory hours                           |           |
| Field experience hours                     |           |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>45</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only): 36**

**Expected frequency of course offerings**  
(every semester, annually, etc.): Every year

Department / Program Head or Director: Chris Leach

Date approved: October 21, 2014

Campus-Wide Consultation (CWC)

Date of posting:

Faculty Council approval

Date approved:

Dean/Associate VP: Jacqueline Nolte

Date approved:

Undergraduate Education Committee (UEC) approval

Date of meeting:

HIST 212

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify key components in British History.
- Discuss and debate themes and issues in British History.
- Identify the differences between primary and secondary sources and work with both.
- Articulate the relationship between the past and the present in the study of history.
- Demonstrate some of the features of historical writing, including argument, evidence, audience, historical sources, and historical thinking.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures, audio visual and online presentations and in-class discussions and small group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>                 | <u>Current Edition</u>              | <u>Place of Publication</u> | <u>Year Published</u>   |
|------------------------------------------|-------------------------------------------------------------|-------------------------------------|-----------------------------|-------------------------|
| 1. Clayton Roberts et al.,               | A History of England, vol.                                  | <input checked="" type="checkbox"/> | Pearson                     | 6 <sup>th</sup> edition |
| 2.                                       | Online articles and documents available through UFV Library | <input type="checkbox"/>            |                             |                         |
| 3.                                       |                                                             | <input type="checkbox"/>            |                             |                         |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

None.

## Typical Evaluation Methods and Weighting

|                                       |                                                          |                     |              |
|---------------------------------------|----------------------------------------------------------|---------------------|--------------|
| Final exam: 30%                       | Assignments: Five Synopses (approx.. 300 words each) 10% | Midterm exam:       | Practicum: % |
| Quizzes/tests: (Five Quizzes) 20%     | Lab work: %                                              | Field experience: % | Shop work: % |
| Book Review (approx.. 1000 words) 25% | Document Analysis (approx.. 800 words) 10%               | Participation 5%    | Total: 100%  |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

## Typical Course Content and Topics

Week 1: Introduction- What is History?  
 Week 2: The Legacy of the Glorious Revolution.  
 Week 3: Consumer Society and the Rise of the Middling Sort.  
 Week 4: England in a Time of Revolution: 1783- 1815.  
 Week 5: Britain as the 'Workshop of the World'.  
 Week 6: Life in Mid-Victorian Britain.  
 Week 7: Pax Britannia.  
 Week 8: A Land in Crisis? Challenges to the Victorian and Edwardian World.  
 Week 9: Britain and the Great War.  
 Week 10: Post War Britain- Society and the Great Depression.  
 Week 11: 'Their Finest Hour'?- Britain, World War II and Beyond.  
 Week 12: 'Groovy!': 1960s Britain.  
 Week 13: Crisis and the Thatcher Revolution.

**Memo for Course Changes**

To: Amanda Grimson, UEC Committee Assistant; Jacqueline Nolte, Dean of Arts; Rebekah Brackett, Committees Assistant (Arts)

From: Chris Leach, History Department Head

Date: October 22, 2014

**Subject: Proposal for revision of HIST/LAS 357**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☒ Title
- ☒ Calendar description
- ☐ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change: Title changed to better reflect the content and to attract student interest. Course description also updated to conform to new word limit. Learning outcomes updated to conform to departmental standard.
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s): Learning outcomes updated to conform to departmental standard.
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? HIST 357 is already cross-listed with Latin American Studies.
5. Which program areas have been consulted about the change(s)? SCMS and Latin American Studies.
6. What consideration has been given to indigenizing the curriculum? There is some Indigenous content, especially in the sections on relations with Mexico and Central America.
7. If this course is not eligible for PLAR, explain why: It is eligible.
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area: No changes.
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? No.
10. Estimate of the typical costs for this course, including textbooks and other materials: \$589.60 for tuition and student fees. Approximately \$110.00 for textbooks.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2006  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> HIST 357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> From the Big Stick to the CIA: The Troubled History of Inter-American Relations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Big Stick to CIA: Inter-Am Relns                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Humanities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br><p>This course examines the complex, often contentious, relationship between Latin America, the United States, and Canada, from the nineteenth century to the present. Topics may include political and military intervention; human rights; trade, investment, and globalization; drug policy; cultural influences; and Latin American communities north of the Mexican border.</p> <p>Note: This course is offered as HIST 357 and LAS 357. Students may take only one of these for credit.</p>                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Nine credits of lower-level HIST/LAS or 45 university-level credits. Familiarity with the basic skills of historical inquiry is expected.                                                                                                                                                                                                                                                                                                                                                                             |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with: <b>LAS 357</b><br>Equivalent course(s): <b>LAS 357</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                               |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 60</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">30</td></tr> <tr><td>Seminars/tutorials/workshops</td><td style="text-align: right;">30</td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: right;"><b>60</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30 | Seminars/tutorials/workshops | 30 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>60</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>60</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Maximum enrolment (for information only):</b> 30<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> every second year                                                                                                                                                                                                                                                                                                                                            |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Dr. Christopher Leach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | <b>Date approved:</b> October 22, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |



## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Identify and analyze key components in Latin America's relations with the United States and Canada.
- Discuss and debate themes and issues in the history of Inter-American relations.
- Articulate historical debates on the subject.
- Identify some of the features of historical analysis, including argument, evidence, awareness of audience, relevant historical sources, and historical thinking, and be able to demonstrate these orally and through written work.
- Identify the differences between primary and secondary sources and be able to use these distinct materials as basis of historical inquiry.
- Write for historical audiences.

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Teaching methods will include lectures and seminar discussions of the required readings, augmented with audio-visual materials (film, music, and still images).

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE:** The following sections may vary by instructor. Please see course syllabus available from the instructor.

## Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials)   | Title (article, book, journal, etc.)                                 | Current ed.              | Publisher          | Year |
|------------------------------|----------------------------------------------------------------------|--------------------------|--------------------|------|
| 1. Holden, R. & Zolov, E. ed | Latin America and the United States: A Documentary History           | 2                        | Oxford Univ. Press | 2011 |
| 2. Smith, P.                 | Talons of the Eagle: Latin America, the United States, and the World | 4                        | Oxford Univ. Press | 2013 |
| 3.                           | History 357 Course Pack (book sections, primary sources)             | <input type="checkbox"/> |                    |      |
| 4.                           |                                                                      | <input type="checkbox"/> |                    |      |
| 5.                           |                                                                      | <input type="checkbox"/> |                    |      |

## Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |   |            |    |
|----------------|-----|--------------|-----|-------------------|---|------------|----|
| Final exam:    | 25% | Assignments: | 60% | Midterm exam:     | % | Practicum: | %  |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | % | Shop work: | %  |
| Participation: | 15% | Other:       | %   | Other:            | % | Total:     | 0% |

**Details (if necessary):** Assignments: Short analysis of CIA documents on 1954 military coup in Guatemala (25%) / Research Paper (Case Study) 35%

## Typical Course Content and Topics

|         |                                                                                                                                                                               |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Week 1  | Introduction to the course                                                                                                                                                    |
| Week 2  | Analytical Approaches and Perspectives / New Nation States, Imperialism, The Monroe Doctrine, Manifest Destiny, and War with Mexico                                           |
| Week 3  | Investment and Pan Americanism / Cuba, Panama, and the Roosevelt Corollary / Ideological Explanations for Intervention                                                        |
| Week 4  | The Big Stick and Dollar Diplomacy / Latin American Actions and Views                                                                                                         |
| Week 5  | The Good Neighbour Policy / U.S. Perceptions of Latin America                                                                                                                 |
| Week 6  | Canada and Latin America from the Late Nineteenth Century to the Cold War: Canadian Investment and a Developing Foreign Policy (with a brief experience in Gunboat Diplomacy) |
| Week 7  | The Cold War in the 1940s and 50s: Anticommunism, National Security, Ties with Dictators, and Intervention / The 1954 CIA-Engineered Coup in Guatemala                        |
| Week 8  | The Cuban Revolution, Development Assistance, and Counter-Insurgency / Canada's Latin American Policy Under Diefenbaker, Pearson, and Trudeau                                 |
| Week 9  | Right-Wing Military Regimes / Human Rights and Foreign Policy / The U.S. in Central America / Latin American Responses                                                        |
| Week 10 | The U.S., Canada, and Central America                                                                                                                                         |
| Week 11 | The Post-Cold War Era: Hegemony(?), NAFTA, Globalization, and the Environment                                                                                                 |
| Week 12 | The 'War on Drugs' and the Invasion of Panama / Latin American Options in the Post-Cold War Era / Migration and Latin American Communities in the U.S. and Canada             |
| Week 13 | After 9/11: Inter-American Relations in the Twenty-First Century / Concluding Comments                                                                                        |



**ORIGINAL COURSE IMPLEMENTATION DATE:** September 2013  
**REVISED COURSE IMPLEMENTATION DATE:** September 2015  
**COURSE TO BE REVIEWED: (six years after UEC approval)** February 2012  
**Course outline form version: 09/15/14**

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Code and Number:</b> LAS 357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Course Full Title:</b> From the Big Stick to the CIA: The Troubled History of Inter-American Relations                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Short Title (if title exceeds 30 characters):</b> Big Stick to CIA: Inter-Am ReIns                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Department (or program if no department):</b> History                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Official Course Outline:</b><br>This is a cross-listed course. Please refer to <b>HIST 357</b> for the official course outline.                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calendar Description:</b><br>This course examines the complex, often contentious, relationship between Latin America, the United States, and Canada, from the nineteenth century to the present. Topics may include political and military intervention; human rights; trade, investment, and globalization; drug policy; cultural influences; and Latin American communities north of the Mexican border.<br><br>Note: This course is offered as HIST 357 and LAS 357. Students may take only one of these for credit. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Nine credits of lower-level HIST/LAS or 45 university-level credits. Familiarity with the basic skills of historical inquiry is expected.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with: <b>HIST 357</b><br>Equivalent course(s): <b>HIST 357</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                     | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |
| <b>Department / Program Head or Director:</b> Martha Dow                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Dean/Associate VP:</b> Jacqueline Nolte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**From:** Lori Fowler  
**Sent:** February-18-15 8:39 AM  
**To:** Amanda Grimson  
**Cc:** Wenona Victor; Ken Brealey; Shirley Hardman  
**Subject:** BAIS IPK course outlines revised for UEC submission

Hi Amanda

On behalf of Wenona, for submission to UEC, here are the course outlines for the Bachelor of Indigenous Studies IPK courses 331,386,401,402,403 and 404 with changes tracked, as per recommendations from UEC screening.

Please see below for the comments you forwarded from UEC screening, and review Wenona's responses in red.

Let me know if you have further questions.

Cheers, Lori

IPK 401:

- Suggest adding a note about field experience to the calendar description so that students are aware (such as "Field trips outside of class time will be required.") (done)
- Learning outcomes:
  - #1: should "Worldviews" be capitalized? (yes and done)
  - #2: suggest removing the word "experiential". (has to stay, see what has been added to description)

IPK 402:

- Credit valuation for the number of hours (8 credits for 230 hours) seems unusually high and is likely to be a concern at UEC. Is there a rationale for this? (dug through all my notes and can not find the rationale behind this, and I can not remember. I have changed it to 9credits, and increased the number of hours to reflect what is SWOK 430 Practicum. Is this okay?)
- Learning outcomes:
  - #1: working as part of a team is not mentioned in the course content. Unless it is being taught in this course, it should be removed from the learning outcomes. (added it to course content)
  - #5: suggest "Analyze..." rather than "Able to analyze..." (done)
  - #7: suggest "Apply..." rather than "Develop ability to apply..." (done)
  - #8: suggest "Reflect..." rather than "Develop the ability to reflect..." (done)

IPK 403:

- Credit valuation for the number of hours (6 credits for 100 hours) also seems unusually high for this course. Rationale? (again, I can not recall rationale, I have increased hours to reflect SOWK 330 (which is also a 6 credit course)
- Calendar description: suggest "...will apply an Indigenous research methodology..." rather than "...will adhere to an Indigenous research methodology..." (done).

IPK 404:

- Prereqs )? What about them?)
- Learning outcomes:
  - #5: suggest "Examine the themes..." rather than "Provide a solid understanding of the themes..." (done)

- #6: this learning outcome is already covered in the evaluation and should be removed (or revised). (reworded as is different from others)
- Evaluation: “Other: 50%” is unidentified. (It was identified but I moved to assignments so can assess better)

**Memo for New Course**

To: CACC and Dean of College of Arts

From: Dr. Wenona Victor, Chair of Program Working Group)

Date: October 29 2014

**Subject: Proposal for new course IPK 401: Indigenous Worldview & Spirituality**

1. Rationale for new course: **To round out and offer enough upper level IS courses to meet credit requirements for major/minor**
2. How this new course fits into program(s): **Fits in the west quadrant: Worldview and Spirituality to ensure holistic programming**
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): **Fits Program LOs (1) Empowering Indigenous ways of knowing (2) Identify what is relevant to Indigenous resurgence and empowerment (3) Bridge worldview differences and (4) Be innovative in enacting change in specific real-world and workplace environments**
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? **No**
5. Which program areas have been consulted about the course? **Curriculum Working Group**
6. If a new discipline designation is required, explain why:
7. What consideration has been given to indigenizing the curriculum? **100% Indigenized in both content and pedagogy**
8. If this course is not eligible for PLAR, explain why:
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value **4 credits**
  - b. Class size limit **28**
  - c. Frequency of offering **Once a year**
  - d. Resources required (labs, equipment) **No**
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) **Yes**
11. How are the trips funded? Estimate of the typical costs for this course, including textbooks and other materials: **\$250.00**



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** IPK 401

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Full Title:** Indigenous Worldview and Spirituality  
**Course Short Title:** Worldview and Spirituality

**Faculty:** Faculty of Social Sciences

**Department (or program if no department):** Indigenous Studies

### Calendar Description:

This course will explore the ways in which Indigenous spirituality differs from Western religions and the impact this difference has had on Indigenous and non-Indigenous worldviews, and ways of understanding and relating in the world. Much of this course will be based upon experiential learning and mandatory fieldwork.

**Prerequisites (or NONE):** 60 university-level credits including IPK 386.

**Corequisites (if applicable, or NONE):**

**Pre/corequisites (if applicable, or NONE):**

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours:** 60

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              | 20        |
| Seminars/tutorials/workshops               | 20        |
| Laboratory hours                           |           |
| Field experience hours                     | 20        |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours:                       |           |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 28

**Expected frequency of course offerings**  
 (every semester, annually, etc.): bi-annually

**Department / Program Head or Director:**

**Date approved:**

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:**

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

IPK 401

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 2

## Learning Outcomes

Upon successful completion of this course, students will be able to:

- Analyze differing Worldviews and their relation to ontology, axiology, epistemology and spiritual beliefs
- Critically reflect upon experiential ways in which Indigenous spiritual beliefs shape relations with the animate world
- Identify and Describe a Stó:lō Worldview including its ontology, axiology and epistemology
- Demonstrate ways in which this Worldview and spiritual belief are relevant in addressing contemporary issues
- Contribute constructively to peer learning experiences
- Engage in self-reflective praxis

## Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

## Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Will include lectures, learning circles, group work, and fieldtrips.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

## Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u> | <u>Current Edition</u>              | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|---------------------------------------------|-------------------------------------|---------------------------------|---------------------------|
| 1. DeLoria Vine Jr.                 | God is Red                                  | <input checked="" type="checkbox"/> | Putnam<br>Publishing<br>Group   | 2003                      |
| 2. DeLoria Vine Jr.                 | Spirit and Reason                           | <input checked="" type="checkbox"/> | Fulcrum<br>Publishing           | 1999                      |
| 3. Manulani M.                      | Ho'oulu: Our Time of Becoming               | <input checked="" type="checkbox"/> | Ai Pohaku<br>Press              | 2004                      |
| 4. Duran Eduardo                    | Buddha in Redface                           | <input checked="" type="checkbox"/> | Writers Club<br>Press           | 2000                      |
| 5.                                  |                                             | <input type="checkbox"/>            |                                 |                           |

## Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)

Use this section for supplies and materials for all sections of this course.

## Typical Evaluation Methods and Weighting

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 30% | Assignments: | 20% | Midterm exam:     | 20% | Practicum: | %    |
| Quizzes/tests: | %   | Lab work:    | %   | Field experience: | 30% | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

## Typical Course Content and Topics

Weeks 1 to 3: Understanding Theology, Indigenous Worldviews and Spirituality  
 Weeks 4 to 6: Colonial Impacts and Spirituality, Decolonizing the Spirit  
 Weeks 7 to 9: Field Trips - Relating Knowledge to the Land, people and communities  
 Weeks 10 to 12: Addressing Contemporary Issues

**Memo for New Course**

To: CACC and Dean of College of Arts

From: Dr. Wenona Victor, Chair Program Working Group

Date: October 29 2014

**Subject: Proposal for new course IPK 402: Indigenous Studies Field Work Practicum**

1. Rationale for new course: To provide fourth year Indigenous studies students an opportunity to apply what they have learned to a work place setting related to their studies while under the supervision of faculty
2. How this new course fits into program(s): **Provides experiential learning applicable to Indigenous ways of knowing, provides directly related upper level credits toward degree**
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): **Meets Program LOs (3) Bridge worldview differences and understand cultural difference between Indigenous and settler societies and (4) Be innovative, capable and effective in enacting change in specific real-world and workplace environments**
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? **No**
5. Which program areas have been consulted about the course? **Curriculum working group**
6. If a new discipline designation is required, explain why:
7. What consideration has been given to indigenizing the curriculum? **May be entirely 100% Indigenized (Indigenous supervisor, Indigenous student, Indigenous workplace) and in some cases may be almost 100% if either student and/or supervising faculty are non-Indigenous, however student will be applying his/her Indigenous studies knowledge to the practicum.**
8. If this course is not eligible for PLAR, explain why:
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value **8 credits**
  - b. Class size limit **6**
  - c. Frequency of offering **annually**
  - d. Resources required (labs, equipment) **n/a**
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) **no** How are the trips funded?
11. Estimate of the typical costs for this course, including textbooks and other materials: **\$100.00**



**Memo for New Course**

To: CACC and Dean of College of Arts

From: Dr. Wenona Victor, Chair of Program Working Group

Date: October 29 2014

**Subject: Proposal for new course: IPK 403: Indigenous Studies Capstone**

1. Rationale for new course: **Gives Indigenous Studies students an opportunity to apply their Indigenous research method to a question of interest related to First Nation issues in either (1) land and treaty (2) governance (3) resource management (4) social justice, education or health. Provides an opportunity for students to begin preparing for further studies at graduate level**
2. How this new course fits into program(s): **Gives Indigenous Studies students an opportunity to expand upon skills acquired in IPK 344 while exploring a contemporary Indigenous issue related to their area of interest.**
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): **Meets Program LO (2) Identify what is relevant to Indigenous resurgence and empowerment and (3) Bridge worldview differences and understand cultural differences between Indigenous and settler societies**
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? **No**
5. Which program areas have been consulted about the course? **Curriculum working group**
6. If a new discipline designation is required, explain why:
7. What consideration has been given to indigenizing the curriculum? **Is entirely Indigenized in both content and pedagogy**
8. If this course is not eligible for PLAR, explain why:
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value **6 credits**
  - b. Class size limit **28**
  - c. Frequency of offering **annually**
  - d. Resources required (labs, equipment) **n/a**
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) **no** How are the trips funded?
11. Estimate of the typical costs for this course, including textbooks and other materials: **\$200.00**



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** IPK 403

**Number of Credits:** 6 [Course credit policy \(105\)](#)

**Course Full Title:** Indigenous Studies Capstone

**Course Short Title:** IS Capstone

**Faculty:** Faculty of Social Sciences

**Department (or program if no department):** Indigenous Studies

### Calendar Description:

Students working both in the classroom and in a First Nations community will apply an Indigenous research methodology in one of the following specific issue areas: land and treaty making, resource management, Indigenous governance, social justice and education, or health.

**Note:** Students with credit for cannot take this course for further credit.

**Prerequisites (or NONE):** 60 university-level credits including IPK 444 and (one of the following: IPK 331, IPK 332, IPK 386, IPK 477, or IPK 401) and instructor's permission.

**Corequisites (if applicable, or NONE):**

**Pre/corequisites (if applicable, or NONE):**

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours:** 100

### Typical structure of instructional hours:

|                                            |            |
|--------------------------------------------|------------|
| Lecture hours                              | 36         |
| Seminars/tutorials/workshops               | 36         |
| Laboratory hours                           |            |
| Field experience hours                     | 140        |
| Experiential (practicum, internship, etc.) |            |
| Online learning activities                 |            |
| Other contact hours:                       |            |
| <b>Total</b>                               | <b>212</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☐ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 28

**Expected frequency of course offerings**  
(every semester, annually, etc.): annually

**Department / Program Head or Director:**

**Date approved:**

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:**

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

[COURSE]

University of the Fraser Valley Official Undergraduate Course Outline

Page 2 of 3

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Explain the role of research in Indigenous studies, from both an academic and community perspective
- Conduct a comprehensive literature review in pre-identified area
- Define and describe a major research question in one of the five topic areas
- Investigate selected research questions in a given specific issue area (see above),
- Evaluate and apply appropriate methodologies
- Contribute to problem identification and possible solutions-based discussions during seminars
- Complete associated field reports.
- Compose a written and verbal argument for the role(s) of theoretical and practical Indigenous knowledge in the explanation and understanding of contemporary Indigenous research and/or issue

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

This course will use a lecture, seminar and field experience format. Seminars will introduce topics and field problems, review methods and techniques required for investigation and encourage student interaction in problem solving. Field experience will require students to work closely with a First Nations community of their choice.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname,<br/>Initials</u> | <u>Title (article, book, journal, etc.)</u>                                    | <u>Current Edition</u>   | <u>Place of<br/>Publication</u> | <u>Year<br/>Published</u> |
|-------------------------------------|--------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|
| 1.                                  | Readings to be selected based upon student topic choice in specific issue area | <input type="checkbox"/> |                                 |                           |
| 2.                                  | Each student to complete lit review in topic area                              | <input type="checkbox"/> |                                 |                           |
| 3.                                  |                                                                                | <input type="checkbox"/> |                                 |                           |
| 4.                                  |                                                                                | <input type="checkbox"/> |                                 |                           |
| 5.                                  |                                                                                | <input type="checkbox"/> |                                 |                           |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

Use this section for supplies and materials for all sections of this course.

**Typical Evaluation Methods and Weighting**

|                                     |   |                                            |     |                            |     |            |      |
|-------------------------------------|---|--------------------------------------------|-----|----------------------------|-----|------------|------|
| Final exam:                         | % | Assignments:                               | 10% | Midterm exam:              | %   | Practicum: | %    |
| Quizzes/tests:                      | % | Lab work:                                  | %   | Field experience:          | 20% | Shop work: | %    |
| Other: Lit Review/Research Q<br>25% |   | Other: Analysis of Data &<br>Report<br>25% |     | Other: Final Report<br>20% |     | Total:     | 100% |

**Grading system:** Letter Grades: ☐ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**Typical Course Content and Topics**

Weeks 1-5:  
Indigenous research methodology review, Introduction to key concepts and issues,  
Literature review  
Work with Community to identify needs  
Work with Community to develop research questions  
Introduction to ethics review  
Weeks 6-9:  
Questionnaire design / data collection  
Data compilation and preliminary analysis  
Weeks 10-14:  
Data analysis, and write-up  
Presentation and discussion of data

**For Administrative Use Only**

Department code:

CIP Code:

Course Level Code:

PDC Code:

**Memo for New Course**

To: CACC and Dean of College of Arts

From: Dr. Wenona Victor, Chair of Program Working Group

Date: October 29 2014

**Subject: Proposal for new course IPK 404: Indigenous Studies Directed Studies**

1. Rationale for new course: **Provide upper level credits toward major/minor and give Indigenous studies students an opportunity to explore in detail an issue of interest related to Indigenous studies.**
2. How this new course fits into program(s): **Provides upper level credits to Indigenous studies students not suited to or wanting to gain upper level credit through field practicum**
3. Explain how the course learning outcomes align with the learning outcomes of the program(s): **Course meets Program LO (2) Identify what is relevant to Indigenous resurgence and empowerment. It also allows for student led discovery in an area not necessarily covered in detail in previous courses taken, while gaining valuable research and writing skills.**
4. Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs? **No**
5. Which program areas have been consulted about the course? **Program Working Group**
6. If a new discipline designation is required, explain why:
7. What consideration has been given to indigenizing the curriculum? **Will be 100% Indigenized in both content and pedagogy**
8. If this course is not eligible for PLAR, explain why:
9. Explain how each of the following will affect the budget for your area or any other area:
  - a. Credit value **4**
  - b. Class size limit **6**
  - c. Frequency of offering **annually**
  - d. Resources required (labs, equipment) **n/a**
10. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) **no** How are the trips funded?
11. Estimate of the typical costs for this course, including textbooks and other materials: **\$120.00**



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 11/22/13

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

**Course Code and Number:** IPK 404

**Number of Credits:** 4 [Course credit policy \(105\)](#)

**Course Full Title:** Indigenous Studies: Directed Studies

**Course Short Title:** IS Directed Studies

**Faculty:** Faculty of Social Sciences

**Department (or program if no department):** Indigenous Studies

### Calendar Description:

This course is designed for students to examine in greater depth a particular issue relevant to Indigenous peoples of Canada, or other colonized Indigenous peoples around the world through the examination, interpretation or analysis of scholarly sources...

**Prerequisites (or NONE):** 60 university-level credits including (three of the following: HALQ 202, IPK 121, IPK 122, IPK 277, HIST 103, FNST 101, FNST 102, FNST 201, FNST 202, or FNST 275/EDUC 275) and (one of the following: IPK 331, IPK 332, IPK 386, IPK 444, or IPK 477) and instructor's permission.

**Corequisites (if applicable, or NONE):**

**Pre/corequisites (if applicable, or NONE):**

### Equivalent Courses (cannot be taken for additional credit)

Former course code/number:

Cross-listed with:

Equivalent course(s):

*Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.*

### Transfer Credit

Transfer credit already exists: ☐ Yes ☒ No

Transfer credit requested (OREg to submit to BCCAT):

☐ Yes ☒ No (Note: If yes, fill in transfer credit form)

Resubmit revised outline for articulation: ☐ Yes ☐ No

To find out how this course transfers, see [bctransferguide.ca](http://bctransferguide.ca).

**Total Hours:** 60

### Typical structure of instructional hours:

|                                            |           |
|--------------------------------------------|-----------|
| Lecture hours                              |           |
| Seminars/tutorials/workshops               | 20        |
| Laboratory hours                           |           |
| Field experience hours                     | 10        |
| Experiential (practicum, internship, etc.) |           |
| Online learning activities                 |           |
| Other contact hours: Student Led           | 30        |
| <b>Total</b>                               | <b>60</b> |

### Special Topics

Will the course be offered with different topics?

☐ Yes ☒ No

If yes,

Different lettered courses may be taken for credit:

☐ No ☐ Yes, repeat(s) ☐ Yes, no limit

*Note: The specific topic will be recorded when offered.*

**Maximum enrolment (for information only):** 6

**Expected frequency of course offerings**  
(every semester, annually, etc.): annually

**Department / Program Head or Director:**

**Date approved:**

**Campus-Wide Consultation (CWC)**

**Date of posting:**

**Faculty Council approval**

**Date approved:**

**Dean/Associate VP:**

**Date approved:**

**Undergraduate Education Committee (UEC) approval**

**Date of meeting:**

**IPK 404**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 2**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Prepare a comprehensive reading list in a topic area of interest
- Critically analyze themes and ideas in weekly readings
- Provide comprehensive arguments during weekly seminar discussions
- Synthesize readings, weekly seminar discussions and own thoughts in weekly self-reflective journal entries
- Examine the themes, methodologies, and theories associated with the selected topic.
- Identify and describe issues pertinent to topic area in a comprehensive term paper

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded for this course because This research-based course is by definition based on work that is new to the student.

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

1. Weekly discussion with faculty advisor.
2. Preparation of written assignments (see below).

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

| <u>Author Surname</u><br><u>Initials</u> | <u>Title (article, book, journal, etc.)</u>              | <u>Current Edition</u>   | <u>Place of Publication</u> | <u>Year Published</u> |
|------------------------------------------|----------------------------------------------------------|--------------------------|-----------------------------|-----------------------|
| 1.                                       | Reading List to be compiled in consultation with student | <input type="checkbox"/> |                             |                       |
| 2.                                       |                                                          | <input type="checkbox"/> |                             |                       |
| 3.                                       |                                                          | <input type="checkbox"/> |                             |                       |
| 4.                                       |                                                          | <input type="checkbox"/> |                             |                       |
| 5.                                       |                                                          | <input type="checkbox"/> |                             |                       |

**Required Additional Supplies and Materials (Eg. Software, hardware, tools, specialized clothing)**

Use this section for supplies and materials for all sections of this course.

**Typical Evaluation Methods and Weighting**

|                |   |                    |     |                          |     |            |      |
|----------------|---|--------------------|-----|--------------------------|-----|------------|------|
| Final exam:    | % | Assignments:       | 50% | Midterm exam:            | %   | Practicum: | %    |
| Quizzes/tests: | % | Lab work:          | %   | Field experience:        | %   | Shop work: | %    |
| Other:         | % | Other:Review Paper | 25% | Other:Reflective Journal | 25% | Total:     | 100% |

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☐

**Typical Course Content and Topics**

Weekly discussion with faculty advisor and Assignments 50%

\*the amount of reading to be discussed each week is likely to be significantly heavier than that assigned for a regular upper-level Indigenous studies course.

Review paper and Reflective journal 50%

The written work expected of the student can take two forms:

1. Review paper: 15-20 page paper synthesizing the literature related to the chosen topic, to be handed in at the end of the semester.
2. Journal: weekly response to the ideas encountered in reading and discussion, including: synopsis of the ideas or arguments made by authors, reaction to or engagements with these ideas or arguments, questions raised in the student's mind or in discussion with the instructor about authors' ideas. To be handed in two or three times during the semester

**Memo for Course Changes**

To: FSCC, Science Faculty Council, UEC Screening Subcommittee, CWC, UEC, Senate

From: Cynthia Loten, Math & Stats Department Head

Date: October 8, 2014

**Subject: Proposal for revision of MATH 340 (Introduction to Analysis)**

1. Summary of changes (select all that apply):
  - ☒ Six-year review
  - ☐ Number and/or course code
  - ☒ Credits and/or total hours
  - ☐ Title
  - ☒ Calendar description
  - ☐ Prerequisites and/or co-requisites
  - ☐ Frequency of course offering
  - ☐ Learning outcomes
  - ☐ Delivery methods and/or texts and resource materials
  - ☐ PLAR options, grading system, and/or evaluation methods
  - ☐ Discontinuation of course
  - ☐ Other – Please specify:
2. Rationale for change: *We moved the information to the new form and made some editorial changes to the course description to align with the new expectations. We changed the lecture hours from 60 to 45 to reflect the current practice for 3 credit courses.*
3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? *No*
5. Which program areas have been consulted about the change(s)? *None.*
6. What consideration has been given to indigenizing the curriculum? *No new opportunities are apparent in this course, beyond those which reflect the more general efforts of the department.*
7. If this course is not eligible for PLAR, explain why:
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?
10. Estimate of the typical costs for this course, including textbooks and other materials: *Tuition + textbook (approx. \$140).*



### CWC comments and responses:

- Will it still be possible to meet the same learning outcomes with 15 fewer hours?

*The number of instructional hours isn't actually changing. This is just fixing a clerical error and aligning the number of instructional hours with the departmental standard for a 3 credit course.*

- Learning outcome #1: suggest deleting the initial phrase and starting with "State definitions and use formal..."

*We want to keep the initial phrase "Exhibit an understanding of the notion of convergence and limit" as this is what we want the student to do, and the rest of the sentence expands on how the student will achieve the outcome*

- Learning outcome #3: suggest "Explain the importance of..." rather than "Demonstrate the importance of..."

*We want to keep the word "demonstrate" as this is what we do want the students to be able to "demonstrate the importance ..."*



ORIGINAL COURSE IMPLEMENTATION DATE: January 2006  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 05/29/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note:** The University reserves the right to amend course outlines as needed without notice.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|----|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> MATH 340                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Course Full Title:</b> Introduction to Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Course Short Title (if title exceeds 30 characters):</b> Introduction to Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Department (or program if no department):</b> Mathematics & Statistics                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Calendar Description:</b><br><p>Provides an introduction to some of the fundamental ideas of mathematical analysis, the subject which forms the rigorous foundation for calculus. Limits and convergence of sequences and functions, continuity, differentiability, Cauchy sequences, the Extreme and Mean Value theorems, uniform continuity, convergence and uniform convergence of infinite series, Taylor series, the Riemann integral, and improper integrals.</p>                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Note:</b> Students with credit for MATH 214 OR MATH 320 cannot take this course for further credit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Prerequisites (or NONE):</b> MATH 265                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number: <b>MATH 214, MATH 320</b><br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 80%;">Lecture hours</td> <td style="width: 20%;"></td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Seminars/tutorials/workshops | 45 | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every second year                                                                                                                                                                                                                                                                                                                                                       |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Department / Program Head or Director:</b> Cynthia Loten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> Sept 29, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | <b>Date approved:</b> Oct 17, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                              |    |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                             |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

1. Exhibit an understanding of the notion of convergence and limit by stating definitions and using formal epsilon-N-delta arguments to prove the convergence of sequences and series and to prove the continuity and differentiability of functions.
2. Prove basic theorems in analysis using accepted mathematical reasoning and proof structure.
3. Demonstrate the importance of continuity, differentiability and integrability by applying theorems such as the Extreme Value theorem, the Mean Value theorem, and Fundamental theorem of calculus.
4. Define the Riemann and improper Riemann integrals and prove their fundamental properties.
5. Prove convergence theorems for series such as the Ratio test and apply them to test convergence of series.
6. Use tests such as the Weierstrass M-test to prove uniform convergence of series and integrals.
7. Use Taylor polynomials to approximate smooth functions and give precise error estimates on the approximation.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

This course is primarily lecture-based. Evaluation includes quizzes, tests and a final exam.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download supplemental Texts and Resource Materials form)**

|    | Author Surname, Initials     | Title (article, book, journal, etc.) | Current Ed.              | Publisher       | Year |
|----|------------------------------|--------------------------------------|--------------------------|-----------------|------|
| 1. | Bartle, R.G. and D. Sherbert | Introduction to real analysis        | <input type="checkbox"/> | Wiley           | 2011 |
| 2. | Berberian, S.K.              | A first course in real analysis      | <input type="checkbox"/> | Springer-Verlag | 1994 |
| 3. | Rudin, W.                    | Principles of mathematical analysis  | <input type="checkbox"/> | McGraw-Hill     | 1976 |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 40% | Assignments: | 20% | Midterm exam:     | 30% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):** Students must achieve at least 40% on the final exam in order to receive credit for this course

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**Typical Course Content and Topics**

I. Limits, Continuity, Differentiability:

1. Limit of a sequence, Cauchy sequences, Bolzano-Weierstrass property
2. Limit of a function
3. Continuity
4. Differentiability

II. Applications of continuity and differentiability:

1. Extreme Value theorem
2. Mean Value theorem
3. Fundamental theorem of calculus
4. Uniform continuity

III. Infinite Series:

1. Series of constants - convergence, proofs of convergence tests
2. Series of functions - convergence, uniform convergence, tests for uniform convergence - Weierstrass M-test, Abel and Dirichlet tests - continuity and differentiability of functions defined using series
3. Taylor series - uniform approximation by polynomials, analytic functions

IV. Integrals

1. The Riemann integral
2. Improper integrals - absolute and conditional convergence
3. Integrals that depend on a parameter - uniform convergence

**Memo for Course Changes: MATH 355**

To: FSCC, Science Faculty Council, UEC Screening Subcommittee, CWC, UEC, Senate

From: Cynthia Loten, Head of Math & Stats

Date: Oct 9, 2014

**Subject: Proposal for revision of MATH 355 (Number Theory and Applications)**

1. Summary of changes (select all that apply):

- ☒ Six-year review
- ☐ Number and/or course code
- ☐ Credits and/or total hours
- ☐ Title
- ☒ Calendar description
- ☒ Prerequisites and/or co-requisites
- ☐ Frequency of course offering
- ☒ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change: *The prerequisite was changed from 'MATH 265' to 'MATH 265 with a C or better'. Considering the need for students to understand and construct proofs, be comfortable with congruence relations and be able to create examples and counter-examples, it was found that a minimum grade of a C in MATH 265 is necessary to be successful in this course. Indeed, we intended that the minimum grade be a C when the course was last reviewed but there was a confusion regarding the default minimum grade.*

*Continued fractions was changed to an optional topic. This is common in many number theory courses. Corresponding changes were made in the Learning Outcomes, Course Content, and Calendar Description sections. In addition, the learning outcomes were edited for current practices in phrasing and one was added (#3). The topics covered in learning outcome #3 are commonly included in number theory courses at this level.*

*Student presentations have been added as an option in the Instructional Methods section. This a subject very well suited to student presentations with a variety of independent study topics possible, depending on student interest. Presentations would also be an excellent experience for the many students taking this course that go on to teacher education programs.*

*A number of computer algebra systems were added as possible computer supplements to the Course Content section (Yacas, Sage, Maxima, and PARI/GP). All are open-source and some are specifically meant for number theory. Corresponding changes were made to the Methods and Learning Outcomes sections.*

*The Text(s) and Resource Materials section has been updated to include the most recently used textbooks.*

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):
4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs? *No.*
5. Which program areas have been consulted about the change(s)? *None.*
6. What consideration has been given to indigenizing the curriculum? *No new opportunities are apparent in this course, beyond those which reflect the more general efforts of the department.*
7. If this course is not eligible for PLAR, explain why:
8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded? *No.*
10. Estimate of the typical costs for this course, including textbooks and other materials: *Tuition + textbook (approx. \$110.00 ).*

**CWC comments and responses:**

- Rationale in the memo indicates that “it was found that a minimum grade of a C in MATH 265...” Can this be further explained? Is there evidence to support this? UEC may question this without additional supporting information.

*I've attached a document from IR supporting the change in requirement from 'MATH 265' to 'MATH 265 with a C or better'.*

- Learning outcomes:
  - #1: how do students “design... concepts”? Can “elucidate” be omitted?
  - #4: should this be two learning outcomes?

*We have made the changes.*

**From:** Cynthia Loten  
**Sent:** February-19-15 10:45 AM  
**To:** Amanda Grimson; cwconsult  
**Cc:** Angela Reid; Pat Cruickshanks; Cynthia Loten  
**Subject:** RE: MATH 355 – Course Review with changes including prerequisites

Hi,

- \*I've attached a document from IR supporting the change in requirement from 'MATH 265' to 'MATH 265 with a C or better'.
- Learning outcomes: We have made the changes
- While proof-reading, we caught a couple of other small edits the make
  - We added the sentence "This course is well-suited to student presentations, if feasible (depending on class size)." To 'Typical Instruction Methods'
  - We deleted the edition number from the first 'Typical Textbook'
  - We combined combined #8 and #9 in 'Typical Content' to have all the 'time permitting' additional topics together.

Cindy

**From:** Amanda Grimson  
**Sent:** Wednesday, January 21, 2015 3:17 PM  
**To:** cwconsult  
**Cc:** Cynthia Loten; Angela Reid; Pat Cruickshanks  
**Subject:** MATH 355 – Course Review with changes including prerequisites

Please reply all with CWC comments on the attached.

The UEC Screening Subcommittee has reviewed this course, and has the following comments which should be addressed prior to UEC:

- Rationale in the memo indicates that "it was found that a minimum grade of a C in MATH 265..." Can this be further explained? Is there evidence to support this? UEC may question this without additional supporting information.
- Learning outcomes:
  - #1: how do students "design... concepts"? Can "elucidate" be omitted?
  - #4: should this be two learning outcomes?

**Math 355 Course Grade based on Math 265 Course Grade**

*Prepared by the Office of Institutional Research and Planning*

|              |              | Math 355 Grade |          |          |          |          |          |          |          |          |          |          | Total     | 355 GPA     |
|--------------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------------|
| Math         | Grade        | A+             | A        | A-       | B+       | B        | B-       | C        | C-       | P        | NC       | W        |           |             |
| 265<br>Grade | A+           | 1              | 2        |          |          |          |          |          |          |          |          |          | 3         | 4.11        |
|              | A            |                | 1        |          |          |          |          |          |          |          |          |          | 1         | 4.00        |
|              | A-           |                |          |          | 1        | 1        |          |          |          |          |          |          | 2         | 3.17        |
|              | B+           |                | 1        | 1        | 1        |          |          |          |          |          |          |          | 3         | 3.67        |
|              | B            |                |          |          | 1        | 3        |          |          |          |          |          |          | 4         | 3.08        |
|              | B-           |                |          | 1        | 3        |          |          |          |          | 1        |          |          | 5         | 2.93        |
|              | C+           |                |          |          | 1        |          |          | 1        |          |          |          |          | 2         | 2.83        |
|              | C            |                |          |          |          | 1        | 1        | 1        | 1        |          |          |          | 4         | 2.50        |
|              | C-           |                |          |          |          | 1        |          |          | 1        | 1        | 1        |          | 4         | 1.50        |
|              | P            |                |          |          |          |          |          | 1        |          |          |          |          | 1         | 2.33        |
|              | NC           |                |          |          |          |          |          |          |          |          | 1        | 1        | 2         | 0.00        |
|              | <b>Total</b> | <b>1</b>       | <b>4</b> | <b>2</b> | <b>7</b> | <b>6</b> | <b>1</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>31</b> | <b>2.73</b> |



ORIGINAL COURSE IMPLEMENTATION DATE: September 2002  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> MATH 355                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Full Title:</b> Number Theory and Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty:</b> Faculty of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> Math & Stats                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Calendar Description:</b><br>An introduction to the fundamental properties of the integers and their consequences, with applications in computation, cryptography, and communications. Topics include primes and gcds, congruence, (modular arithmetic), and applications (hashing functions, check digits), factorization methods, and cryptology.                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | MATH 265. Note: As of September 2016, prerequisites will change to the following: MATH 265 with a grade of C or better.                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                                          |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Lecture hours</td> <td style="text-align: center;">45</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td></td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td></td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: center;"><b>45</b></td> </tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every 2 to 3 years                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Department / Program Head or Director:</b> Cynthia Loten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | <b>Date approved:</b> September 29, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date approved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Date of posting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Dean/Associate VP:</b> Lucy Lee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Date approved:</b> Oct. 17, 2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date of meeting:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                  |  |



**MATH 355**

**University of the Fraser Valley Official Undergraduate Course Outline**

**Page 2 of 2**

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

1. Precisely design the central concepts and results of elementary number theory such as prime number, gcd, Fundamental Theorem of Arithmetic, the Chinese Remainder Theorem, and Euler's Theorem.
2. Construct proofs, examples, and counterexamples concerning these concepts and their interrelations.
3. Apply the theory of congruences to other problems (for example, constructing divisibility tests, solving linear Diophantine equations, polynomial congruences, and systems of linear congruences)
4. Precisely define and implement applications of the ideas above to techniques such as cryptology and error correction. Perform all the necessary computations by hand (in principle) and in a computer algebra environment such as Maple or Sage.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

This course will be primarily lecture based, with some computational support provided by a computer algebra system such as Maple or Sage. This course is well-suited to student presentations, if feasible (depending on class size).

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.)          | Current ed.                         | Publisher      | Year |
|----------------------------|-----------------------------------------------|-------------------------------------|----------------|------|
| 1. Kenneth H Rosen         | Elementary Number Theory and its Applications | <input checked="" type="checkbox"/> | Addison Wesley | 2011 |
| 2. GA Jones & JM Jones     | Elementary Number Theory (SUMS series book)   | <input checked="" type="checkbox"/> | Springer       | 1998 |
| 3. JK Strayer              | Elementary Number Theory                      | <input checked="" type="checkbox"/> | Waveland Press | 1994 |
| 4.                         |                                               | <input type="checkbox"/>            |                |      |
| 5.                         |                                               | <input type="checkbox"/>            |                |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |     |            |      |
|----------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:    | 40% | Assignments: | 20% | Midterm exam:     | 30% | Practicum: | %    |
| Quizzes/tests: | 10% | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):** Students must achieve at least 40% on the final exam in order to receive credit for this course

**Typical Course Content and Topics**

- Fundamental properties of the integers; divisibility and factorization (prime numbers, gcds, Euclidean algorithm, Fundamental Theorem of Arithmetic, factorization methods, linear Diophantine equations)
- Congruences (linear congruences, Chinese remainder theorem, polynomial congruences, systems of linear congruences)
- Applications of congruences (divisibility tests, hashing functions, check digits)
- Special congruences (Fermat's and Euler's Theorem, Wilson's Theorem, pseudoprimes (applications to primality testing))
- Number-theoretic functions (Multiplicative functions, Euler's phi-functions, Mobius Inversion, perfect numbers, Mersenne primes)
- Cryptology (block ciphers, exponentiation ciphers, public key cryptography, knapsack ciphers)
- Computer algebra systems for number theory (Maple, Yacas, Sage, Maxima, PARI/GP)
- Additional topics as time permits such as: Gaussian integers and norms (sums of squares), quadratic reciprocity, continued fractions, primitive roots (order of an integer, existence of primitive roots, primality tests)

**Memo for New Course**

**To:** CACC, CAC, CWC, UEC

**From:** Sven van de Wetering, Chair, Department of Psychology

**Date:** January 7, 2015

**Subject:** Proposal for new course (PSYC 100)

1. **Rationale for new course:** Experimentation is the lifeblood of any thriving enterprise. This course is intended as a shell course designed to allow faculty to experiment with new course offerings for first-year students who have little or no background in psychology. It is hoped that faculty will teach more focused courses than the very broad and traditional PSYC 101/PSYC 102 we currently offer, and find ways of attracting students who might be attracted to psychological subject matter, but who for one reason or another do not take PSYC 101 or 102. Thus, this course is targeted mostly at students outside the major who are looking for an interesting elective. We already have a course like this at the second year level (PSYC 200), but suspect that first-year students are intimidated by the 2<sup>nd</sup> year status of the course and may well not consider taking it.
2. **How this new course fits into program(s):** At this stage, the course is intended primarily for non-majors who are taking it for interest, and it therefore does not fit into the program at all.
3. **Explain how the course learning outcomes align with the learning outcomes of the program(s):**  
Despite the fact that this is primarily intended as an elective for students outside the program, the learning outcomes for this course overlap strongly with the learning outcomes for the program. Thus, the first learning outcome for the course, "Articulate psychological concepts used in a special topic area" and the last learning outcome for the course, "critically evaluate psychological research and psychological concepts" map well onto the first program learning outcome, "Students will be able to identify psychological issues, develop positions on those issues, and critically evaluate evidence for and against these positions, when reading the psychological literature". The second learning outcome for the course, "Explain course concepts to a listener not sophisticated in psychology" is very close to the second program outcome for the major, "Students will demonstrate an ability to orally communicate issue positions to an audience of peers without relying on a written script". The third learning outcome for the course, "Write brief papers relevant to the special topic area" relates to (at a low level, befitting a first year course) the 5<sup>th</sup> program outcome for the major, "Students will produce written reports of psychological subject matter using the organization, documentation style and scientific language used by psychology professionals". Finally, the second course learning outcome, "Apply psychological concepts from the course to novel problem areas" would appear to subsume the 11<sup>th</sup> program learning outcome for the major, "Students will be able to apply knowledge and process in psychology to self-knowledge and self-change".
4. **Will this course be required by any program beyond the discipline? If so, how will this course affect that program or programs?** No
5. **Which program areas have been consulted about the course?** None

6. **If a new discipline designation is required, explain why:** n/a
7. **What consideration has been given to indigenizing the curriculum?** While not explicitly designed to foster indigenization, this course is a relatively easy forum for faculty members to try out content relevant to indigenous students.
8. **If this course is not eligible for PLAR, explain why:** n/a
9. **Explain how each of the following will affect the budget for your area or any other area:**
  - a. Credit value
  - b. Class size limit
  - c. Frequency of offering
  - d. Resources required (labs, equipment)

As a 3-credit course with a class maximum of 36 that uses few resources, this course is expected to have a net positive impact on the budget for psychology. Given that enrolments for PSYC 101 and PSYC 102 appear to be declining somewhat, this is a way of reallocating the resources from reduced numbers of sections of those classes into other classes that also have class maxima of 36, as opposed to upper level classes with smaller class sizes.

10. **Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?** No
11. **Estimate of the typical costs for this course, including textbooks and other materials:** Varies with topic, typically circa \$100, not including tuition.

**From:** Sven Vande Wetering  
**Sent:** February-16-15 2:53 PM  
**Subject:** RE: PSYC 100 - new course

Hi Amanda.

I like your suggested wording, and am quite willing to adopt it.

My original working number for the course was actually 106. I changed it to 100 at the suggestion of a faculty member who wanted to indicate that this was a “lower” level course than 101/102, but if that is not available, I would be happy to have it revert to 106.

Sven

---

**From:** Amanda Grimson  
**Sent:** Monday, February 16, 2015 2:13 PM  
**Subject:** RE: PSYC 100 - new course

Hi Sven,

Thanks for your response. Since this is relatively unusual, I’m not sure if we have existing language for this. I might suggest “Note: This course is offered with letter designations. Students can take no more than two different versions of this course for credit.”

Also, it appears that PSYC 100 is not an available number for this course, as it has been used before. Available nearby numbers are 104, 105, 106, 107, 108, and 109.

Amanda

---

**From:** Sven Vande Wetering  
**Sent:** February-16-15 1:28 PM  
**Subject:** RE: PSYC 100 - new course

Hello Amanda.

Yes, that was intentional. Though the situation will probably not arise, I want to avoid a situation where somebody takes multiple iterations of the course under the delusion that they are making progress within the psychology degree.

Perhaps the note could read: “Students can take no more than two versions of this course for credit” or something of the sort; if better wording for a similar situation in another course is already available, I am willing to consider other wordings as well.

Sven

---

**From:** Amanda Grimson  
**Sent:** Thursday, February 12, 2015 3:51 PM  
**Subject:** PSYC 100 - new course

The UEC Screening Subcommittee has reviewed this course and has the following comments, which can be addressed as part of the CWC process:

- The course outline indicates that students can only take different lettered topics twice for credit; is this intentional? Although it is possible to limit the number of times different Most special topics courses can be taken an unlimited number of times for credit, provided the topic (and letter designation) is different each time. If this is indeed what the department wishes, a note to that effect should be added to the course description so that students are aware.



ORIGINAL COURSE IMPLEMENTATION DATE: September 2015  
 REVISED COURSE IMPLEMENTATION DATE:  
 COURSE TO BE REVIEWED: (six years after UEC approval) February 2021  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|--|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> PSYC 106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Course Full Title:</b> Explorations in Psychology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Faculty:</b> Faculty of Social Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> Psychology                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Calendar Description:</b><br><p>This special topics course allows students to explore specific Psychological topics at an introductory level. Specific topics will vary by semester and by instructor. Check with Psychology department for more information.</p> <p>Note: Designed for non-Psychology students with an interest in Psychology. PSYC100 cannot be used to meet the requirements for Psychology major or extended minor.</p> <p>Note: This course is offered with letter designations. Students can take no more than two different versions of this course for credit.</p>                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s):<br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                                                  |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Transfer credit requested (OReg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Total Hours: 45</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: center;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;"><b>Total</b></td><td style="text-align: center;"><b>45</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: |  | <b>Total</b> | <b>45</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, different lettered courses may be taken for credit:<br><input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, 2 repeat(s) <input type="checkbox"/> Yes, no limit<br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>45</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Maximum enrolment (for information only):</b> 36<br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> Every semester                                                                                                                                                                                                                                                                                                                                               |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Department / Program Head or Director:</b> Sven van de Wetering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | <b>Date approved:</b> January 9, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Dean/Associate VP:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |  |              |           |                                                                                                                                                                                                                                                                                                                                                                                                               |  |

**PSYC 106**
**University of the Fraser Valley Official Undergraduate Course Outline**
**Page 2 of 2**
**Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Articulate psychological concepts used in special topic area.
- Apply psychological concepts from the course to novel problem areas.
- Write brief papers relevant to the special topic area.
- Explain course concepts to a listener not sophisticated in psychology.
- Critique psychological research and psychological concepts.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes    ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures will be the primary instructional method: demonstrations, exercises, videos, and guest lecturers may be used at the discretion of the instructor.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed.                         | Publisher | Year |
|----------------------------|--------------------------------------|-------------------------------------|-----------|------|
| 1. D. Kahneman             | Thinking, fast and slow              | <input checked="" type="checkbox"/> | Penguin   | 2011 |
| 2.                         |                                      | <input type="checkbox"/>            |           |      |
| 3.                         |                                      | <input type="checkbox"/>            |           |      |
| 4.                         |                                      | <input type="checkbox"/>            |           |      |
| 5.                         |                                      | <input type="checkbox"/>            |           |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

NONE

**Typical Evaluation Methods and Weighting (Will vary by instructor , but might include the following)**

|                              |     |              |     |                   |     |            |      |
|------------------------------|-----|--------------|-----|-------------------|-----|------------|------|
| Final exam:                  | 35% | Assignments: | 20% | Midterm exam:     | 30% | Practicum: | %    |
| Quizzes/tests:               | %   | Lab work:    | %   | Field experience: | %   | Shop work: | %    |
| Other:Class presentation 15% |     | Other:       | %   | Other:            | %   | Total:     | 100% |

**Details (if necessary):**
**Typical Course Content and Topics**

Week 1: Two psychological systems introduced  
 Week 2: How the two systems work  
 Week 3: Forming judgments  
 Week 4: Heuristics I: Representativeness, anchoring and adjustment, availability  
 Week 5: Heuristics II: Logical fallacies in heuristic reasoning  
 Week 6: Heuristics III: Taming intuitive predictions  
 Week 7: MIDTERM EXAM  
 Week 8: Overconfidence  
 Week 9: Risk assessment I  
 Week 10: Risk assessment II  
 Week 11: Two selves  
 Week 12: Applications  
 Week 13: Summing up and conclusions

**Memo for Course Changes**

To: UEC Screening Committee

From: Sue Brigden, Dean, Access and Continuing Education

Date: Monday, February 2, 2015

**Subject: Proposal for revision of MATH 096 (Algebra and Trigonometry)**

1. Summary of changes (select all that apply):

- ☐ Six-year review
- ☐ Number and/or course code
- ☒ Credits and/or total hours
- ☐ Title
- ☒ Calendar description
- ☐ Prerequisites and/or co-requisites
- ☒ Frequency of course offering
- ☐ Learning outcomes
- ☐ Delivery methods and/or texts and resource materials
- ☐ PLAR options, grading system, and/or evaluation methods
- ☐ Discontinuation of course
- ☐ Other – Please specify:

2. Rationale for change:

UUP upgrading courses are assigned 3 credits for 90 hours of contact time. MATH 096 has 90 hours of contact time; however, when I reviewed the course outlines the previous two times, I did not notice that the credit value was set at 4. If I had, I would have ensured the credit value was 3. Changing the credits to 3 will correct my previous error. The Calendar Description has been changed to meet the 40-word requirement of the new template.

3. If there are substantial changes to the learning outcomes, explain how they align with the learning outcomes of the program(s):

n/a

4. Is this course required by any program beyond the discipline? If so, how will this change affect that program or programs?

n/a

5. Which program areas have been consulted about the change(s)?

n/a

6. What consideration has been given to indigenizing the curriculum?

n/a

7. If this course is not eligible for PLAR, explain why:

n/a

8. If any of the following items on the official course outline have changed, explain how the change will affect the budget for your area or any other area:
  - a. Credit value  
The credit value will change from 4 to 3
  - b. Class size limit  
No change
  - c. Frequency of offering  
This was left blank on the previous outline, so it is now shown as "at least twice a year"
  - d. Resources required (labs, equipment)  
No change
9. Are field trips required for this course? (Field trip requirements must be announced in the timetable.) How are the trips funded?  
n/a
10. Estimate of the typical costs for this course, including textbooks and other materials:  
\$200





ORIGINAL COURSE IMPLEMENTATION DATE: September 2012  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval) September 2019  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|--|------------------|--|------------------------|--|--------------------------------------------|--|----------------------------|--|----------------------|----|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Course Code and Number:</b> MATH 096                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Number of Credits:</b> 3 <a href="#">Course credit policy (105)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Full Title:</b> Algebra and Trigonometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Course Short Title (if title exceeds 30 characters):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty:</b> Faculty of Access and Continuing Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           | <b>Department (or program if no department):</b> UUP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Calendar Description:</b><br><br>Students examine an extensive variety of functions and operations on functions with emphasis on notation and graphs; solve a variety of equations and practical problems; solve combinational problems; and evaluate sums of finite or infinite series using summation notation.<br><br>Note: Students with credit for MATH 094 and MATH 095 cannot take this course for further credit.                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Prerequisites (or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | At least a C+ in MATH 085; or at least B- in Principles of Math 11, or Pre-calculus 11; or at least a C in Principles of Math 12, Pre-calculus 12, or MATH 094; or UUP assessment.                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Pre/corequisites (if applicable, or NONE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Equivalent Courses (cannot be taken for additional credit)</b><br>Former course code/number:<br>Cross-listed with:<br>Equivalent course(s): <b>MATH 094, MATH 095</b><br><i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>                                                                                                                                                                                                                                                                                        |           | <b>Transfer Credit</b><br>Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Transfer credit requested (OREg to submit to BCCAT):<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form)<br><br>Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> . |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total Hours: 90</b><br><b>Typical structure of instructional hours:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture hours</td><td style="text-align: right;">75</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td style="text-align: right;">15</td></tr> <tr><td><b>Total</b></td><td style="text-align: right;"><b>90</b></td></tr> </table> |           | Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 75 | Seminars/tutorials/workshops |  | Laboratory hours |  | Field experience hours |  | Experiential (practicum, internship, etc.) |  | Online learning activities |  | Other contact hours: | 15 | <b>Total</b> | <b>90</b> | <b>Special Topics</b><br>Will the course be offered with different topics?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>If yes, different lettered courses may be taken for credit:<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit<br><br><i>Note: The specific topic will be recorded when offered.</i> |  |
| Lecture hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 75        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Seminars/tutorials/workshops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Laboratory hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Field experience hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Experiential (practicum, internship, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Online learning activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Other contact hours:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>90</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Maximum enrolment (for information only):</b> 24<br><br><b>Expected frequency of course offerings (every semester, annually, every other year, etc.):</b> at least twice a year                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Department / Program Head or Director:</b> Greg St. Hilaire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | <b>Date approved:</b> January 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Faculty Council approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | <b>Date approved:</b> February 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Campus-Wide Consultation (CWC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | <b>Date of posting:</b> February 20, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Dean/Associate VP:</b> Dr. Sue Brigden                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Date approved:</b> February 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Undergraduate Education Committee (UEC) approval</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Date of meeting:</b> February 27, 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                              |  |                  |  |                        |  |                                            |  |                            |  |                      |    |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

**Learning Outcomes**

Upon successful completion of this course, students will be able to:

1. Manipulate algebraic expressions and solve rational equations. (review)
2. Solve absolute value and rational inequalities. (review)
3. Perform operations on functions including compositions and analyze domains and ranges.
4. Analyze the effects of transformations, such as vertical and horizontal translations, dilations, and reflections through x-axis, y-axis, and the diagonal  $y = x$  on the graphs of functions and their related equations.
5. Find inverses of relations and functions and analyze their properties and graphs.
6. Simplify logarithmic expressions, using definition and properties of logarithms.
7. Solve exponential and logarithmic equations.
8. Graph and analyze exponential and logarithmic functions.
9. Solve applied problems, using exponential and logarithmic concepts.
10. Factor polynomials of degree greater than 2, using the Factor Theorem and the Remainder Theorem.
11. Graph and analyze polynomial, rational, and radical functions.
12. Develop the equation of the circle with centre  $(0, 0)$  and radius  $r$  and apply the circle to describe the six trigonometric ratios in terms of  $x$ ,  $y$ , and  $r$ .
13. Solve problems, using the six trigonometric ratios for angles expressed in radians and degrees.
14. Simplify trigonometric expressions and verify trigonometric identities using fundamental identities, including sum, difference, and double-angle identities.
15. Solve first and second degree trigonometric equations in degrees and radians, including determining the general solution.
16. Graph and analyze the trigonometric functions, including determining the characteristics and transformations of graphs to solve problems.
17. Apply the Fundamental Counting Principle to solve problems.
18. Determine the number of permutations of  $n$  elements taken  $r$  at a time to solve problems including solving equations that involve  ${}_nP_r$  notation.
19. Determine the number of combinations of  $n$  elements taken  $r$  at a time to solve problems, including solving equations that involve  ${}_nC_r$  or  $\binom{n}{r}$  notation.
20. Expand natural powers of binomials using Binomial Theorem.
21. Analyze and evaluate sums of finite or infinite series, using summation notation.
22. Use technology to enhance understanding of topics in this course.

The above outcomes are a more concise version of the official ABE articulated objectives found on pg. 95 of [www.aved.gov.bc.ca/abe/docs/handbook.pdf](http://www.aved.gov.bc.ca/abe/docs/handbook.pdf)

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)**

Lectures with problem practice sessions and guided individual and small group work. Graphing calculators are used to aid in the understanding of topics. Homework may have a web-assisted component.

**Grading system:** Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)**

|    | Author (surname, initials)          | Title (article, book, journal, etc.) | Current ed.                         | Publisher   | Year |
|----|-------------------------------------|--------------------------------------|-------------------------------------|-------------|------|
| 1. | Stewart, J., Redlin, L., Watson, S. | Algebra and Trigonometry             | <input checked="" type="checkbox"/> | Brooks/Cole | 2010 |
| 2. | Aufman, R., Barker, V., Nation, R.  | College Algebra and Trigonometry     | <input checked="" type="checkbox"/> | Brooks/Cole | 2011 |
| 3. |                                     |                                      | <input type="checkbox"/>            |             |      |
| 4. |                                     |                                      | <input type="checkbox"/>            |             |      |
| 5. |                                     |                                      | <input type="checkbox"/>            |             |      |

**Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**

Graphing calculator T183 Plus and WebAssign access

**Typical Evaluation Methods and Weighting**

|                |     |              |     |                   |   |            |      |
|----------------|-----|--------------|-----|-------------------|---|------------|------|
| Final exam:    | 40% | Assignments: | 15% | Midterm exam:     | % | Practicum: | %    |
| Quizzes/tests: | 45% | Lab work:    | %   | Field experience: | % | Shop work: | %    |
| Other:         | %   | Other:       | %   | Other:            | % | Total:     | 100% |

**Details (if necessary):** Students must achieve at least 40% on the final exam in order to receive credit for this course.

**Typical Course Content and Topics**

1. Operations on, and compositions of functions
2. Transformations of graphs
3. Trigonometric functions and equations
4. Exponential and logarithmic functions and equations
5. Polynomial functions
6. Rational functions
7. Radical functions
8. Combinatorics
9. Binomial Theorem

**Memo for Program Changes**

To: Faculty of Science Curriculum Committee

From: CIS Department

Date: October 1, 2014

**Subject: Program change - Computer Information Systems Entrance Requirements  
Degree/Diploma/Certificate**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☐ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☒ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

Rationale for change(s):

There are three combined major changes to the Entrance Requirements for the CIS certificate, diploma, and degree programs:

1. Entrance Requirements for all CIS Programs to one set of options/requirements (as outlined in the document).

Current listing of entrance requirements to the CIS programs

[http://www.ufv.ca/calendar/fall-2014/ProgramsCE/CIS\\_BCIS.htm#CIS%20Entrance%20REqs](http://www.ufv.ca/calendar/fall-2014/ProgramsCE/CIS_BCIS.htm#CIS%20Entrance%20REqs)

The CIS Department has approved the proposal to have one set of entrance requirements which combines both Option 1 and Option 2 and considers mature students as in Option 3.

**RATIONALE:**

With multiple options and CGPA requirements based on credit number and discipline can be confusing for students and for those making admission decisions at the departmental level.

Option 3 has been removed as a standalone option because it has the same academic entrance requirements as Option 1 & 2, but with the additional requirement of allowing a mature student to apply with submission of a portfolio and being interviewed. Many of the CIS/COMP required courses (along with MATH 125 and STAT 106) now have the Math

prerequisite as well as CMNS 125/175 requires the English prerequisite. The interview and portfolio is not a substitute for the prerequisites to MATH/STATS/CMNS/ENG courses required in the program. To progress in the programs, all students will need the Math/English prerequisite requirement. If they do not, they will need to upgrade these skills prior to entrance.

2. Inclusion of ENGL 105 as an option

- ENGL 105 has (unofficially) been allowed for students to use as an exception to CMNS 125 or 175 in the program as students can use ENGL 105 to gain entry to the required CMNS 251 course in the CIS diploma and degree. Over the years, these exceptions have increased both with transfer students coming from outside UFV into the CIS programs who have completed ENGL 105 as well as students within UFV who transfer into CIS from other programs such as the Bachelor of Science. The CIS Department has approved the addition of ENGL 105 to be used in the CIS Diploma and Degree and the entrance requirements have been amended to reflect this change.

Math requirement being changed from Math 11 (or higher) to Math 12

- The CIS Department has also approved the increase of the Math Entrance Requirement for the current CIS certificate, diploma, and degree programs from Math 11 (Principles or Foundations, or Pre-calculus) to Math 12 (Principles or Foundations, or Pre-calculus). After consulting the statistics, a higher percentage of students have completed Math 12 prior to entering the CIS programs, so less students are requiring the upgrade in Math in order to complete required math courses (MATH 125 and STAT 106) in the CIS diploma and degree. The new CIS program Entrance Requirements would no longer allow students to be admitted to the program, with only Math 11 (Principles, Foundations, or PreCalculus) completed. We have changed the entrance requirements to match what is required for MATH 125 and/or STAT 106 for consistency.
2. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: N/A
  3. What consideration has been given to indigenizing the curriculum? N/A
  4. Will additional resources be required? If so, how will these costs be covered? N/A
  5. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program? With changing the Math Entrance Requirements to the CIS programs, it means that students will be ready for all lower-level required courses upon entrance to the programs without having to upgrade their math.
  6. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline? No. Previously, students without Math 12 had the option of taking MATH 124 to use towards lower-level elective

requirements in the diploma or degree program. The course requirements for the diploma and degree will remain the same for both programs.

7. Identify any available resources that will be used to accommodate the program changes. (Eg. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.)

With the change to Math 12, the requirement for offering MATH 124 will not be needed. This course was created by the Math & Statistics Dept specifically to fill the needs of CIS students who did not have adequate math maturity for the program.

8. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed. See #7 for information regarding MATH 124
9. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget. N/A

---

## CALENDAR COPY

### Computer Information Systems

[ufv.ca/cis](http://ufv.ca/cis)

Bachelor of Computer Information Systems

#### New Calendar Copy:

#### Entrance requirements for all CIS programs

1. One of: B.C. secondary school graduation; ~~or~~ mature student 19 years or older (see Note 1); ~~or~~ completion of nine university-level credits. A minimum GPA of 2.0 in all university courses attempted is required.
2. One of:  
Principles of Mathematics 12 (C+ or better)  
or C or better in one of Pre-calculus 11, Foundations of Mathematics 11, Principles of Mathematics 11, or MATH 085; or one of Principles of Mathematics 12, Foundations of Mathematics 12 (C or better)  
or, or Pre-calculus 12 (C or better); or MATH 094;  
or MATH 096 (C or better)  
or MATH 110 (C or better)  
or MATH 094 & MATH 095 (C or better in both)
3. The prerequisite to [CMNS 125](#), [CMNS 175](#), or ENGL 105 (English 12 with a C+ or higher or equivalent)

Note 1: Non-graduates who may require academic preparation are encouraged to contact the Upgrading and University Preparation department (UUP) for assessment and advice before applying to post-secondary programs.

Note 2: All students entering the CIS programs are expected to be computer literate. This includes knowing how to run programs and manage files in a Windows environment and having basic Internet, word processing, and spreadsheet skills. Students should consult the CIS website for specific prerequisite skills needed for beginning courses.

Note 3: Requests for transfer of computing-intensive courses will be checked for currency relative to the current CIS program.

Note 4: Attendance at a CIS information session or personal interview with a science advisor is recommended.

Note 5: Students who do not meet the entrance requirements might also consider the Computer Information Systems Studies [program path](#).

### **OLD Calendar Copy:**

Option 1: High school (for students with high school graduation only)

1. B.C. secondary school graduation or equivalent.
2. C or better in one of Pre-calculus 11, Foundations of Mathematics 11, Principles of Mathematics 11, or MATH 085; or one of Principles of Mathematics 12, Foundations of Mathematics 12, Pre-calculus 12, or MATH 094.
3. The prerequisite to [CMNS 125](#) or [CMNS 175](#).

Option 2: University entrance (for students who have attended some post-secondary school)

1. C or better in one of Principles of Pre-calculus 11, Foundations of Mathematics 11, Principles of Mathematics 11, or MATH 085; or one of Principles of Mathematics 12, Foundations of Mathematics 12, Pre-calculus 12, or MATH 094.
2. The prerequisite to [CMNS 125](#) or [CMNS 175](#).
3. One of the following:
  - Completion of a minimum of 15 university-level credits with a cumulative GPA of 2.0 on all credits attempted.
  - or**
  - Completion of a minimum of nine university-level credits with a GPA of 3.0 or better on all credits attempted.
  - or**

- Completion of a minimum of nine CIS/COMP university-level credits (excluding CIS 100 and CIS 110) with a GPA of 2.33 or better on all credits attempted.

Option 3: Mature Students (for students 19 years of age or older)

1. C or better in one of Principles of Pre-calculus 11, Foundations of Mathematics 11, Principles of Mathematics 11, or MATH 085; or one of Principles of Mathematics 12, Foundations of Mathematics 12, Pre-calculus 12, or MATH 094.

2. The prerequisite to [CMNS 125](#) or [CMNS 175](#).

3. Those students 19 years or older may be considered if they can demonstrate a reasonable chance of success. Applicants will be required to submit a portfolio and be interviewed.

Note 1: All students entering the CIS programs are expected to be computer literate. This includes knowing how to run programs and manage files in a Windows environment and having basic Internet, word processing, and spreadsheet skills. Students should consult the CIS website for specific prerequisite skills needed for beginning courses.

Note 2: Requests for transfer of computing-intensive courses will be checked for currency relative to the current CIS program.

Note 3: Attendance at a CIS information session or personal interview with a science advisor is recommended.

Note 4: Students who do not meet the entrance requirements might also consider the Computer Information Systems Studies [program path](#).



**Memo for Program Changes**

To: Faculty of Science Curriculum Committee

From: CIS Department

Date: October 1, 2014

**Subject: Program change – Computer Information Systems Degree and Diploma - Changes to Communications Requirements and Statistics Requirements**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

Rationale for change(s):

a. **BCIS degree:** Statistics requirement change

FROM "One: Statistics course (see Note 6)"  
TO "One of: STAT 106 or MATH/STAT 270"

from *STAT 104 (formerly MATH 104) with a grade of B+ or better; STAT 106 (formerly MATH 106); CYC 425; or PSYC 110 with a grade of B+ or better.*

- STAT 106 has always been the recommended course for students to take to satisfy their Statistics requirement in the BCIS. MATH/STAT 270 was added as an option to accommodate students in a MATH Program. The CIS department recently approved the change to add Math 12 as an entrance requirement to the BCIS degree/diploma/certificate program. This change to only accept STAT 106 or MATH/STAT 270 for the BCIS degree works in tandem with that change as both STAT 106 and MATH/STAT 270 have a Math 12 prerequisite.

Plus deletion of Note 6:

- The deletion of Note 6 includes the removal of CYC 425 (which currently requires a dept. waiver); and PSYC 110 and STAT 104 which both have a grade 11 Math requirement. Since the proposed CIS Admissions requirement will require MATH 12 for admissions, students would therefore be prepared for the required STAT 106 course.

b. **BCIS Degree and Diploma** – removal of Note 3:

- Note 3 will no longer be relevant because of the proposed CIS Admissions requirement requiring MATH 12 for admissions, students would therefore be prepared for the required STAT 106 and MATH 125 courses.

c. **BCIS Degree and Diploma:** Inclusion of ENGL 105 as an option for CIS diploma and degree students to take towards the 1<sup>st</sup> year CMNS requirement.

- ENGL 105 has (unofficially) been allowed for students to use as an exception to CMNS 125 or 175 in the program as students can use ENGL 105 to gain entry to required CMNS 251 course in the CIS diploma and degree. Over the years, these exceptions have increased both with transfer students coming from outside UFV into the CIS programs (with ENGL 105) as well students within UFV who transfer into CIS from other programs (such as the Bachelor of Science). The CIS Department has approved the addition of ENGL 105 to be used in the CIS Diploma and Degree and the entrance requirements have been amended to reflect this change.

d. **BCIS Degree and Diploma:** Removal of COMP 138 – editing change only - this is a discontinued course

2. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: N/A
3. What consideration has been given to indigenizing the curriculum? N/A
4. Will additional resources be required? If so, how will these costs be covered? N/A
5. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?

By changing the Math Entrance Requirements to the CIS programs, it means that students will be ready for all lower-level required courses upon entrance to the programs without having to upgrade their math.

6. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline? No
7. Identify any available resources that will be used to accommodate the program changes. (Eg. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.) N/A
8. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed. N/A

9. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget. N/A

---

## Calendar Copies

### Computer Information Systems Degree

[http://www.ufv.ca/calendar/fall-2014/ProgramsC-E/CIS\\_BCIS.htm](http://www.ufv.ca/calendar/fall-2014/ProgramsC-E/CIS_BCIS.htm)

#### Semester I

| Course     | Title                                                         | Credits |
|------------|---------------------------------------------------------------|---------|
| CIS 145    | Web Publishing                                                | 3       |
| or CIS 146 | Intermediate Web Publishing (previously offered) (see Note 1) | 3       |
| CIS 190    | Systems Hardware Concepts                                     | 3       |
| COMP 125   | Principles of Computing                                       | 3       |
| Elective   | Approved Arts or other approved elective (see Note 2)         | 3-4     |

#### Semester II

| Course   | Title                       | Credits |
|----------|-----------------------------|---------|
| CIS 192  | Introduction to Networking  | 4       |
| COMP 150 | Introduction to Programming | 4       |

#### ONE OF:

|                             |                                                              |                |
|-----------------------------|--------------------------------------------------------------|----------------|
| CMNS 125                    | Introduction to Workplace Communication                      |                |
| or CMNS 175                 | Writing for the Internet                                     |                |
| or <a href="#">ENGL 105</a> | <a href="#">Academic Writing</a>                             | 3              |
| MATH 125                    | Introduction to Discrete Mathematics <del>(see Note 3)</del> |                |
| <del>or COMP 138</del>      | <del>Applied CIS Math Concepts (previously offered)</del>    | <del>3-4</del> |

#### Second year

#### Semester III

| Course   | Title                                                 | Credits |
|----------|-------------------------------------------------------|---------|
| CIS 291  | Networking Theory and Applications                    | 4       |
| COMP 155 | Advanced Programming                                  | 4       |
| CIS 221  | Principles of Information Systems Security            | 4       |
| CMNS 251 | Professional Report Writing                           | 3       |
| Elective | CIS 200-level elective (see Note <a href="#">34</a> ) | 3-4     |

#### Semester IV

| Course | Title | Credits |
|--------|-------|---------|
|--------|-------|---------|

|          |                                                                    |   |
|----------|--------------------------------------------------------------------|---|
| CIS 285  | End User Training and Support                                      | 3 |
| CIS 230  | Databases and Database Management Systems                          | 3 |
| CIS 270  | Analysis and Design                                                | 3 |
| COMP 251 | Data Structures and Algorithms                                     | 4 |
| Elective | Business or Communications elective (see Note <a href="#">45</a> ) | 3 |

**Third year  
Semester V**

| Course                   | Title                                                      | Credits           |
|--------------------------|------------------------------------------------------------|-------------------|
| CIS 385                  | Project Management                                         | 3                 |
| COMP 340                 | Operating Systems                                          | 3                 |
| One:                     | <del>Statistics course (see Note 6)</del>                  | <del>3-4</del>    |
| One of:                  |                                                            |                   |
| <a href="#">STAT 106</a> | <a href="#">Statistics I</a>                               |                   |
| Or MATH/STAT 270         | <a href="#">Introduction to Probability and Statistics</a> | <a href="#">4</a> |
| Elective                 | Approved Arts elective (see Note 2)                        | 3                 |
| Elective                 | Lower-level elective in another discipline                 | 3                 |

**Semester VI**

| Course      | Title                                                              | Credits |
|-------------|--------------------------------------------------------------------|---------|
| CIS 390     | Data Communications                                                | 3       |
| CIS or COMP | Course numbered 200 or above (see Note <a href="#">34</a> )        | 3       |
| CIS or COMP | Course numbered 300 or above                                       | 3       |
| Elective    | Business or Communications elective (see Note <a href="#">45</a> ) | 3       |
| Elective    | Lower-level elective in another discipline                         | 3       |

**Fourth year  
Semester VII**

| Course   | Title                                      | Credits |
|----------|--------------------------------------------|---------|
| CIS 485  | Ethics and Other Management Issues         | 3       |
| Three:   | CIS or COMP courses numbered 300 or above  | 9       |
| Elective | Upper-level elective in another discipline | 3       |

**Semester VIII**

| Course      | Title                                      | Credits |
|-------------|--------------------------------------------|---------|
| Three:      | CIS or COMP courses numbered 300 or above  | 9       |
| Elective    | Upper-level elective in another discipline | 3       |
| CIS or COMP | Elective course numbered 200 or above      | 3-4     |

Note 1: CIS students cannot obtain credit for both CIS 145 and CIS 146 towards their program.

Note 2: The current approved Arts elective options are available online at [ufv.ca/cis/programs/approved-arts-electives](http://ufv.ca/cis/programs/approved-arts-electives).

~~Note 3: Students who have not completed Principles of Math 12 (or equivalent) must complete MATH 124 (Finite Math with Applications in the Information Sciences) to be used towards the prerequisite for MATH 125 and STAT 106 (formerly MATH 106) as part of the CIS program requirements. MATH 124 may be used as a lower-level elective in another discipline in the BCIS requirement.~~

Note ~~3~~4: CIS/COMP elective chosen from the following: CIS 224, 245, 262, 292, or COMP 256. Those students who plan to complete the Systems and Networking concentration as part of BCIS degree requirements must take CIS 292.

Note ~~4~~5: Business or Communications electives options: BUS 100, 120, 143, 144, 145, 160, 201, 203, 223; CMNS 212, 235, 375.

~~Note 6: Statistics options: STAT 106 (recommended), or STAT 104 (with a grade of B+ or higher), or PSYC 110 (with a grade of B+ or higher), or CYC 425.~~

### Computer Information Systems Diploma

[http://www.ufv.ca/calendar/fall-2014/ProgramsC-E/CIS\\_DIP.htm](http://www.ufv.ca/calendar/fall-2014/ProgramsC-E/CIS_DIP.htm)

#### Semester I

| Course     | Title                                                               | Credits |
|------------|---------------------------------------------------------------------|---------|
| CIS 145    | Web Publishing                                                      | 3       |
| or CIS 146 | Intermediate Web Publishing (previously offered) (see Note 1 below) | 3       |
| CIS 190    | Systems Hardware Concepts                                           | 3       |
| COMP 125   | Principles of Computing                                             | 3       |
| Elective   | Approved Arts or other approved elective (see Note 2)               | 3-4     |

#### Semester II

| Course   | Title                       | Credits |
|----------|-----------------------------|---------|
| CIS 192  | Introduction to Networking  | 4       |
| COMP 150 | Introduction to Programming | 4       |

One of:

|                        |                                                              |                |
|------------------------|--------------------------------------------------------------|----------------|
| CMNS 125               | Introduction to Workplace Communication                      |                |
| <b>or</b> CMNS 175     | Writing for the Internet                                     | <u>3</u>       |
| <u>or ENGL 105</u>     | <u>Academic Writing</u>                                      | <u>3</u>       |
| MATH 125               | Introduction to Discrete Mathematics <del>(see Note 3)</del> | <u>4</u>       |
| <del>or COMP 138</del> | <del>Applied CIS Math Concepts (previously offered)</del>    | <del>3-4</del> |

Second year

**Semester III**

| Course   | Title                                                    | Credits |
|----------|----------------------------------------------------------|---------|
| CIS 291  | Networking Theory and Applications                       | 4       |
| COMP 155 | Advanced Programming                                     | 4       |
| CIS 221  | Principles of Information Systems Security               | 4       |
| CMNS 251 | Professional Report Writing                              | 3       |
| Elective | CIS 200-level elective (see Note <del>4</del> <u>3</u> ) | 3-4     |

**Semester IV**

| Course   | Title                                                                 | Credits |
|----------|-----------------------------------------------------------------------|---------|
| CIS 285  | End User Training and Support                                         | 3       |
| CIS 230  | Databases and Database Management Systems                             | 3       |
| CIS 270  | Analysis and Design                                                   | 3       |
| COMP 251 | Data Structures and Algorithms                                        | 4       |
| Elective | Business or Communications elective (see Note <del>5</del> <u>4</u> ) | 3       |

Note 1: CIS students cannot obtain credit for both CIS 145 and CIS 146 towards their program.

Note 2: The current approved Arts elective options are available online at [ufv.ca/cis/programs/approved-arts-electives](http://ufv.ca/cis/programs/approved-arts-electives).

~~Note 3: Students who have not completed Principles of Math 12 (or equivalent) must complete MATH 124 (Finite Math with Applications in the Information Sciences) to be used towards the prerequisite for MATH 125 and STAT 106 (formerly MATH 106) as part of the CIS program requirements. MATH 124 may be used as a lower-level elective in another discipline in the BCIS requirement.~~

Note ~~43~~: Those students who plan to complete the Systems and Networking concentration as part of BCIS degree requirements must take CIS 292.

Note ~~54~~: Business or Communications electives options: BUS 100, 120, 143, 144, 145, 160, 201, 203, 223; CMNS 212, 235, 275.

# UFV and BSc Residency Requirements

June 2014 – Draft Document

## RATIONAL

To be consistent with the UFV Subsequent Degree policy and in-line with other UFV degrees including BCIS, BA, BBA, etc.

## General BSc requirements

To be eligible for the BSc a student must satisfy the following general requirements:

1. 120 applicable university-level credits, with a minimum GPA of 2.0. At least 30 of these university-level credits must be completed at UFV.
  2. 44 university upper-level credits (credits obtained from courses numbered 300 and above) with a minimum UFV GPA of 2.0.  
~~INCLUDING a minimum~~ In addition, AUFV -GPA of 2.0 is required in the upper-level credits for in each major or minor subject. ;  
~~AND At least 2250% of the~~ upper-level credits required for the degree must be completed at UFV;  
~~AND at least 50% of upper-level credits required for in each honours, major, and -or minor subject~~ must be completed at UFV.
  3. MATH 111 and either MATH 112 or MATH 118
  4. At least one of the following pairs:
    - BIO 111 and 112
    - CHEM 113 and 114
    - PHYS 111 and 112
  5. At least one computing science course selected from the following:
    - COMP 125
    - COMP 150
    - COMP 152
    - COMP 155
    - or any COMP 200-level course or higher with a programming emphasis
  6. Any two courses from the following: university-level ENGL, CMNS 155, or any CMNS course numbered 235 or above; or ARTS 100.
  7. Discipline requirements for at least one of a science honours, science major, or double science minor. [See above](#) for available honours, majors, and minors.
- Note: Students who wish to complete a major and a minor may need to complete more than 120 credits to complete their degree.

## UFV Resident Requirement and Subsequent Degree

### Residency requirement

In order to earn a UFV certificate, diploma, or degree, a student must complete at least 25% of the required credits for the credential at UFV. Some programs require 50% or more of the required credits be completed at UFV. Programs may also specify that a minimum number of upper-level credits be completed at UFV. Please refer to the



program information in this calendar for further information. Transfer credits and credits earned through prior learning assessment, including course challenge, do not meet this requirement.

### **Subsequent degree**

Students who have already completed a degree at the bachelor's level may be granted an additional bachelor's degree provided that the two degrees are in different areas, and that the student has met the program requirements. No more than 75% of the credits required for the additional degree may be applied from any previous degree. At least 30 upper-level (300-400) credits for the subsequent degree must be taken at UFV.

---

## **EXAMPLES OF OTHER UFV PROGRAM RESIDENCY REQUIREMENTS**

### **Bachelor of Computer Information Systems**

At least 25% of the course work must be completed at UFV, including at least 30 upper-level credits (courses numbered 300 and above).

### **Bachelor of Arts**

Students can complete academic course work at another post-secondary institution and transfer this credit to UFV to satisfy BA degree requirements, under the following restrictions:

- Out of the BA overall total of 120 credits, 60 credits must be completed at UFV;
- Out of the BA upper-level total of 45 credits, 30 upper-level credits must be completed at UFV;
- For an Honours or major program, at least 15 upper-level credits in the specific Arts discipline must be completed at UFV (See Note);
- For an extended minor program, at least seven upper-level credits in the specific Arts discipline must be completed at UFV (See Note);
- For a minor program, at least seven upper-level credits in the specific Arts discipline must be completed at UFV (See Note);

**Note:** When looking at the upper-level residency for an individual Arts program, please remember that a total of 30 upper-level credits must be completed at UFV.

### **Bachelor of Business Administration**

At least 50% of the course work must be completed at UFV, including at least 10 of the business courses numbered 300-499.

### **Bachelor of General Studies**

Students are required to complete a minimum of 30 credits in UFV courses, including at least 15 upper-level credits. Provided those requirements are met, up to 50% of credits required for the degree may be met through recognition of non-formal credit through the PLAR process (including course challenges). Total transfer credit and prior learning credit must not exceed 90 credits.

**BFA Residency**

A student must complete at least 60 credits of the credits required for the BFA at UFV. At least 30 of these credits must be at the upper-level. Transfer credits and credits earned through prior learning assessment, which includes course challenge, do not meet this requirement. Students should consult the calendar section for their major of choice, as there may be additional residency requirements for specific courses of study.

**BA Criminology**

Transfer credit - At least 25% of the course work must be completed at UFV. However, students must complete at least 50% of the upper-level Criminology/Criminal Justice credits required for the degree and minor and extended minor at UFV.

**Bachelor of Social Work**

In completing the BSW program, students are required to have:

- a minimum of 60 credits of Social Work (SOWK) courses and a minimum of 60 credits of qualifying Arts and Science courses. (A minimum of 30 upper-level Social Work credits must be completed at UFV.)
- maintain a minimum BSW program GPA of 2.67 for practicum placements and 2.67 for graduation. Students with a GPA of less than 2.67 will be required to withdraw.
- obtain a C or 2.0 or better in each SWHS course. Credits that are over 10 years old may be stale-dated; students should check with the Program Advisor regarding transferability.

**Memo for Program Changes**

To:

From: (Allan Arndt, Head, Department of Biology)

Date: November 28, 2014

**Subject: Program change (insert program title)**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☐ Other – Please specify:

2. Rationale for change(s):

A survey of Universities offering a Bachelor of Science in Biology revealed that UFV was one of only 3 Canadian Universities that required a Computer Science course and the only University in British Columbia for this major (Appendix I). The removal of a computer requirement from the BSc. at Universities has occurred during the past two decades due to development of specialized software programs relevant to the field. These software applications are now freely available as web based applications or as purchased software packages. Thus the need to learn to program is not an essential skill for the vast majority of biology graduates.

The second point is the number of required courses in the Biology major at UFV. Currently depending on which Biology stream the student is following the Biology major requires the student to take 46 – 52 1XX credits, which is nearly double the number of required credits needed for a BSc in either Mathematics or Physics (Appendix II). Of the required courses, the course that is least applicable to the Biology major is the computer requirement. Combined with the 21 - 24 required credits in 2XX courses in the Biology major, to obtain the necessary 44 upper level credits there is no room for lower level courses outside their discipline to increase their breadth of knowledge.

The impact of this change on other majors in the BSc program is minimal. Currently, the Mathematics, Chemistry and the Physics Honors BSc degrees already specify a Computer course within their degree paths that meets the current BSc requirements. Thus this change will have no impact on any of these degrees. Currently the non-Honors Physics does not specify a specific

Computer course, but will add a computer requirement to this degree if this change is approved (Derek Harnett, Head of Physics Department). The BSc. In Physical Geography specifies a computer requirement for students completing the GIS option, while the department has no current plan to add a computer requirement for the BSc not taking the GIS option.

The impact of this change on the CIS/Computer Science department course offerings will be minimal. Currently the COMP courses that meet the BSc computer requirement are almost always full with waitlists.

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes:

This change does not change the departmental, program or institutional learning outcomes as all outcomes are met with the combination of other required and elective courses.

4. What consideration has been given to indigenizing the curriculum?

None directly, although it is possible a student may use the additional 4 credits to take a course with indigenous content outside of the Faculty of Science.

5. Will additional resources be required? If so, how will these costs be covered?

No new resources required

6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?

This change will principally impact students completing a BSc in Biology by decreasing the number of required courses. The number of students graduating with a Biology major has been increasing yearly with 53 students having graduated in 2014 and similar number expected to graduate in 2015. There is not expected to be any change in the number of students enrolled in the program as a result of this change. Students completing a BSc in Physical Geography (2 graduates in 2014) would also not be required to complete this course unless they completing a GIS option or the departments includes a specific computer requirement in their degree path.

7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline?

Yes as mentioned the changed will reduce the number of required courses by 4 credits. However, there will be change in the number of courses offered within the Faculty of Science as the courses affected by this change are still going to be offered to meet the program needs of other departments.

8. Identify any available resources that will be used to accommodate the program changes. (Eg. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.)

It is anticipated that there will be no need to modify any existing resources to accommodate this change

9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed.

**No courses outside the Faculty of Science are affected by this change**

10. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget.

**CWC comment:**

The UEC Screening Subcommittee has reviewed this proposal, and wondered if it might be more appropriate to change the Biology major than to change the BSc. This may need to be further explained when it is discussed at UEC.

Response from Ron Wilen: If it were only that easy. Biology would gladly remove the CIS/COMP requirement if it were a departmental requirement. However it is a BSc. requirement thus to remove it from the biology major necessitates having it removed as a degree requirement

## **Appendix I**

### **Computer Science Requirements for a Biology Degree at Canadian Universities**

The following is a summary CIS/COMP course requirements for a Biology degree of 79 degree granting Universities in Canada. At least 45 Universities that offer a BSc in Biology or Biological Science do not have a Computer course requirement. Besides UFV, three other Canadian Universities do require a computer course for the BSc – one of which does not require calculus. McGill University requires computer programming as part of the Ecology major, but all other biological specialties at McGill do not need a computer course. Two Universities give students the option of calculus or computer science. I was unable to determine the computer requirement for Biology major from the web sites of 4 Universities that offer this major. There are 24 degree granting institutions that do not offer a B.Sc. in Biology. In addition, there are a number of Colleges where students can complete a biology degree, but the degrees are granted under the charter of a second University. Lastly, there are 13 French only universities in Quebec that I did not check and are not included in this list.

#### **Universities that Currently Require a CIS or COMP Course \***

University of the Fraser Valley

University of Regina

York University

University of Guelph (**no calculus requirement**)

McGill University (**Ecology Major Only**)

#### **Universities that Require either a CIS / COMP Course or a Calculus Course**

Cape Breton University (must take either a CIS course or a second calculus course)

MacEwan University (6 credits in calculus or COMP)

#### **Universities that Don't Require a CIS or CP Course**

Simon Fraser University

University of Windsor

University of British Columbia

University of Waterloo

University of Northern British Columbia

Wilfred Laurier University

University of Victoria

Trent University

Thompson Rivers University

Queen's University

Kwantlen Polytechnic University

University of Western Ontario

Vancouver Island University

University of Toronto

Trinity Western University

University of Ontario Institute of Technology

University of Alberta

Bishop's University

University of Calgary

Concordia University

University of Lethbridge

McGill University (except ecology)

Mount Royal University

University of Montreal

University of Saskatchewan

Laval University

University of Manitoba

University of New Brunswick

University of Winnipeg

University of Moncton

University of Saint-Boniface

Crandall University

Nipissing University

Mount Allison University

University of Ottawa

University of Prince Edward Island

Brock University

Acadia University

Carleton University

Dalhousie University

Laurentian University

St. Mary's University

Ryerson University

Memorial University of Newfoundland

Algoma University

#### **Unable to Determine Due to Website Design**

Brandon University<sup>1</sup>

McMaster University

Lakehead University

St Francis Xavier University

**Universities that Don't Offer a B.Sc. in Biology**

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Capilano University               | St. Paul University                |
| Emily Carr University             | First Nations University of Canada |
| Quest University                  | Canadian Mennonite University      |
| Royal Roads University            | Saint Thomas Moore College         |
| University of Canada West         | Kingswood University               |
| Fairleigh Dickson University      | Yorkville University               |
| Athabasca University              | University of Fredericton          |
| University College of the North   | St. Stephen University             |
| St. Thomas University             | Royal Military College             |
| University of King's College      | Atlantic School of Theology        |
| NSCAD University                  | Tyndale University College         |
| Dominican University              | Redeemer University                |
| Ontario College of Art and Design |                                    |

\* A couple of Universities offer a major in Bioinformatics through the Biology department and for that specialty computer programming courses were required.

1: The original submission to the Faculty of Science Curriculum Committee and Faculty Council indicated that the status of the Computer Requirement was unknown. It has now been confirmed that Brandon University does not has a Computer Science requirement.

## **Appendix II**

### **Comparison of 1XX Credit Requirement in BSc by Discipline at UFV**

#### **Mathematics** 28 credits

(ENGL/CMNS 6 credits; MATH 111/112 8 credits; COMP 4 credits; Other Science 10 credits)

#### **Physics** 27 - 28 Credits

(ENGL/CMNS 6 credits; MATH 111/112 8 credits; CIS/COMP 3-4 credits; PHYS111/ 112 10 credits)

#### **Chemistry** 42 credits

(ENGL/CMNS 6 credits; MATH 111/112 8 credits; COMP 4 credits; PHYS111/ 112 10 credits  
CHEM113/114 10 credits; STATS 106<sup>1</sup> - 4 credits)

#### **Biology** 46 – 52 credits

(ENGL/CMNS 6 credits; MATH 111/112or118 8 credits; CIS/COMP 3 – 4 credits; PHYS111/ 112 10  
credits or Physics 105<sup>2</sup> – 5 credits; CHEM113/114 10 credits BIO111/112 10 credits; STATS 104 or 106<sup>1</sup>- 4  
credits)

1 Note STATS 1XX requirement in Chemistry and Biology can satisfied with other specific 2XX or 3XX  
STATS or MATH courses

2: Students in several Biology Streams must take the PHYS 111/112 combination



### General BSc requirements

To be eligible for the BSc a student must satisfy the following general requirements:

1. 120 applicable university-level credits, with a minimum GPA of 2.0. At least 30 of these university-level credits must be completed at UFV.
2. 44 university upper-level credits (credits obtained from courses numbered 300 and above) with a GPA of 2.0. In addition, a GPA of 2.0 is required in the upper-level credits in each major or minor subject. At least 50% of the upper-level credits in each major or minor subject must be completed at UFV.
3. MATH 111 and either MATH 112 or MATH 118
4. At least one of the following pairs:
  - BIO 111 and 112
  - CHEM 113 and 114
  - PHYS 111 and 112

~~5. At least one computing science course selected from the following:~~

- ~~• COMP 125~~
- ~~• COMP 150~~
- ~~• COMP 152~~
- ~~• COMP 155~~

~~• or any COMP 200-level course or higher with a programming emphasis~~ 65. Any two courses from the following: university-level ENGL, CMNS 155, or any CMNS course numbered 235 or above; or ARTS 100.

~~76.~~ Discipline requirements for at least one of a science honours, science major, or double science minor. See above for available honours, majors, and minors.

**Comment [MS1]:** Remove Computer Science Requirement.

# MEMO



**To:** Undergraduate Education Committee

**From:** Lucy Lee, Dean, Faculty of Science

**CC:** Faculty of Science Curriculum Committee

**Date:** Dec. 1, 2014

**Re:** Budget implications for changes in BSc requirements

---

The deletion of one computing science course requirement for the General BSc requirements may reflect in a reduced number of section offerings for COMP courses by as much as 3 sections. This will be mostly from Biology students taking alternate courses, since other Science programs have a built in requirement for computer courses within their Majors. However, it is expected that these 3 sections would be reflected in additional section offerings in Biology, as it is a tendency for Biology students to take electives within their field, thus in terms of budget implications, the change is neutral for the Faculty of Science at large.

To: CWC, CACC, CAC, UEC, Dean of Arts

From: Stephen Piper, Latin American Studies Curriculum Committee

Date: 10 October 2014

**Subject: Minor Program Changes – Latin American Studies**

1. Summary of changes (select all the apply):

- ☐ Program revision that requires new resources
- ☒ Addition of new course options or deletion or substitution of a required course
- ☐ Change to the majority of courses in an approved program
- ☐ Change to the duration, philosophy, or direction of a program
- ☐ Addition of a new field of specialization, such as a concentration
- ☐ Change in requirements for admission
- ☐ Change in requirements for residency or continuance
- ☐ Change in admission quotas
- ☐ Change which triggers an external review
- ☐ Deletion of a program not included in the Program Discontinuance policy
- ☒ Other – Please specify:

**Summary of Minor Program Changes to the LAS Minor and Extended Minor:**

- Courses that have been cross listed since the last program revision now recognize both disciplines.
- Course numbers have been updated to reflect current offerings (e.g. HIST 261 becomes HIST/LAS 161)
- Narrow elective categories have been broadened to allow students greater choice and more rapid progress through the degree.
- Courses that are no longer regularly offered (e.g. LAS 110) have been removed from the elective list.
- Recognizing their essential cultural and communicative content, Spanish courses have been added to the elective list.
- Limits have been placed on the students' selection of courses to distinguish this from a purely language degree and to ensure that graduates are exposed to historical and social science perspectives on Latin American society and culture.
- The notation, "with permission of the program coordinator," is applied to some cross-listed courses to guarantee there is sufficient Latin American content. It is intended to provide an opportunity for an agreement between the student, the instructor and the coordinator about student assignments, etc.

**Additional Changes to the LAS Extended Minor:**

- Lower level credit requirements have been reduced from 21 to 18, like most other extended minors, to facilitate student completion of the degree. The total number of credits is now within the average range.

2. Rationale for change(s):

LAS program requirements have not been substantially revised for about 10 years. Since then, there have been changes in instructional faculty as well as the courses offered in this area and their frequency of offering. The proposed changes harmonize the program requirements with current course offerings, recognize the LAS content of Spanish courses, and broaden elective categories so as to facilitate student

completion of the degrees. The lower level requirements of the LAS extended minor have been reduced from 21 to 18 credits, similar to other extended minors.

Our expectation is that these changes will permit more students to complete the LAS degrees, particularly in combination with the new BA in Global Development Studies, which is now placing students in Latin American internships. Indeed, the three GDS students who have now completed or are completing Latin American GDS internships have all declared LAS minors or extended minors.

3. If program outcomes are new or substantially changed, explain how they align with the Institutional Learning Outcomes: No substantial change.

4. What consideration has been given to indigenizing the curriculum?

There is significant indigenous content in the curriculum. It is impossible to study Latin American history, society and culture without paying close attention to the indigenous past and present. Almost every course has explicit indigenous content, but in 161, 206, 220, 388, 458, and 472, issues of indigeneity are the, or a, principal focus of the course.

5. Will additional resources be required? If so, how will these costs be covered?

These minor program changes require no additional resources.

6. How will students be impacted? (Indicate the projected number of students impacted.) Is the change expected to increase/decrease enrolment in the program?

These changes should facilitate student completion of the LAS degrees, increase enrolments, improve fill rates in courses, and change the composition of students from elective-seekers to degree-seekers..

7. Does the number of required core or elective credits from the program-specific discipline change? If so, will this change the total number of courses to be offered within the discipline?

Lower level requirements in the LAS Extended Minor are to be reduced from 21 credits to 18 credits. This will not change the total number of courses offered, but it will bring the extended minor into the same range as most other extended minors and help students to complete the degree.

8. Identify any available resources that will be used to accommodate the program changes. (e.g. seats in existing classes, conversion of sections, timetabling changes, deletion of courses, etc.)

The program utilizes seats in existing classes and should increase fill rates. We will continue to work with the various departments involved in the program to avoid timetabling conflicts. Courses that have not been offered for some time (e.g. LAS 110) will be deleted from the calendar.

9. Is the number of required or elective courses from other disciplines in the program changing? If so, what is the estimated impact to enrolments in these courses? Provide a memo from the respective dean(s) of the impacted faculty to confirm if budgetary implications have been considered and addressed.

The only discipline from which there is an increase in the number of electives permitted is Spanish. Allowing students to use more of these courses toward a degree should increase enrolments, increase the number of degree-seekers in classes, and stabilize regular course offerings, particularly at upper level. There should be no associated costs.

10. Provide a memo from the program's dean to confirm that budgetary implications of the proposed changes have been considered and will be addressed within the faculty budget.

**CWC comments and responses:**

- The proposal refers to a program coordinator; does this position exist?

*No. There is a program committee, which Stephen Piper chairs. LAS is situated in SCMS, so Martha Dow is department head. Stephen has asked the deans if they would like to create a program coordinator position, or handle this in some other way.*

- Should the 2 credit SPAC 492 course be included in the upper-level requirements, since students will need to take an 16 credits in addition to that course anyway?

*Yes. Students are required to take 16 credits in total at upper level. One of the courses on the list is GDS 311 International Internship, a 6 credit course. The inclusion of LAS/ANTH/MACS/SOC 492 and SPAN 492, both 2 credit courses, will permit students who take GDS 311 to complete the program requirements without paying for 2 credits extra.*

| Current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NEW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UFV Latin American Studies minor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>UFV Latin American Studies minor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Lower-level requirements: 9 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Lower-level requirements: 9 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>Two of:</b><br/> LAS 100, 102, 110, 200, 206; HIST 261, 262<br/> 100–200-level LAS or Latin American content courses: LAS 100, 102, 110, 200, 206; ANTH 220; GEOG 233; HIST 261, 262; SOC 250</p> <p><b>One of:</b><br/> 100–200-level LAS or Latin American content courses: LAS 100, 102, 110, 200, 206; ANTH 220; GEOG 233; HIST 261, 262; SOC 250</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><b>9 credits from the following list, including at least 3 credits from LAS, GDS, or GEOG:</b><br/> LAS 100 Images of Latin America<br/> LAS 102 Latin American Study Tour<br/> LAS/HIST 161 Aztecs, Mayas, and Spaniards<br/> LAS/HIST 262 Latin American History: The National Experience<br/> LAS/SOC 200 Social Issues in Latin America<br/> LAS/ANTH/MACS/SOC 206 The Politics of Art in Latin America<br/> GDS/ANTH 220 Culture Change: Accommodation, Resistance, and Transformation*<br/> GDS/SOC 250 Sociology of Development -- The Global South*<br/> GEOG 233A Geography of Selected Regions: South America<br/> GEOG 233K Geography of Selected Regions: Mexico and Central America<br/> SPAN 101 Spanish Language I<br/> SPAN 102 Spanish Language II<br/> SPAN 201 Intermediate Spanish I<br/> SPAN 202 Intermediate Spanish II</p>                                                                                                                                                                                                                                                                                                                     |
| <b>Upper-level requirements: 16 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Upper-level requirements: 16 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p><b>16 credits selected from the following:</b><br/> LAS 312 Special Topics: Latin American Cultural Topics<br/> LAS 402 Field Study (no longer offered)<br/> LAS 498 Directed Readings in Latin American Studies<br/> GEOG 343 Geography of Transitional Societies<br/> GEOG 433A Geography of Selected Regions<br/> HIST 357 History of Inter-American Relations: Latin America, the United States, and Canada<br/> HIST 358 African Slavery in the Americas<br/> HIST 359 Problems in Latin American Regional History<br/> HIST 457 Sexuality and Gender in Latin America<br/> HIST 458 History of Indigenous Peoples in Latin America<br/> HIST 459 Topics in the Political and Social History of Latin America<br/> HIST 460 State Terror, Human Rights, and the Politics of Memory in Latin America<br/> LAS/ANTH /SOC 310C-I Special Topics: Regional Studies of Latin America (see Note)<br/> LAS/ANTH/SOC 363 Processes of Development and Underdevelopment: Latin America<br/> ANTH/LAS/SOC 388 Minority Indigenous Peoples of the World<br/> LAS/SOC 442 Religion in Latin America<br/> LAS/ANTH/SOC 463 Special Topics in Development Studies<br/> LAS/SOC 472 Latin America: Race, Ethnicity, and Immigration</p> | <p><b>16 credits from the following, including at least 4 credits from LAS, GDS, or GEOG:</b><br/> LAS/ANTH/SOC 310 Special Topics: Regional Studies of Latin America<br/> LAS 312 Special Topics: Latin American Cultural Topics<br/> LAS/HIST 357 From the Big Stick to the CIA: The Troubled History of Inter-American Relations<br/> LAS/HIST 358 African Slavery in the Americas<br/> LAS/HIST 359 Problems in Latin American Regional History<br/> LAS/ANTH/SOC 363 Processes of Development and Underdevelopment: Latin America*<br/> LAS/ANTH/SOC 388 Minority Indigenous Peoples of the World*<br/> LAS/SOC 442 Religion in Latin America<br/> LAS/HIST 457 Sexuality and Gender in Latin America<br/> LAS/HIST 458 History of Indigenous Peoples in Latin America<br/> LAS/HIST 459 Topics in the Political and Social History of Latin America<br/> LAS/HIST 460 State Terror, Human Rights, and the Politics of Memory in Latin America<br/> LAS/ANTH/SOC 463 Special Topics in Development Studies*<br/> LAS/SOC 472 Latin America: Race, Ethnicity, and Immigration<br/> LAS/ANTH/MACS/SOC 492 Directed Studies in Social, Cultural, and Media Studies*</p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>LAS 498 Directed Readings in Latin American Studies</p> <p>GDS 311 International Internship (if in Latin America)*</p> <p>GEOG 433A Geography of Selected Regions: South America</p> <p>GEOG 433K Geography of Selected Regions: Mexico and Central America</p> <p>SPAN 301 Advanced Spanish I - Oral Communication</p> <p>SPAN 302 Advanced Spanish II – Composition</p> <p>SPAN 320 Special Topics in Spanish Language</p> <p>SPAN 330 Special Topics in Hispanic Culture</p> <p>SPAN 340 Spanish Translation</p> <p>SPAN 350 Spanish Immersion</p> <p>SPAN 380 Spanish Practicum I</p> <p>SPAN 381 Spanish Practicum II</p> <p>SPAN 492 Directed Studies in Spanish (2)</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*Provided there is sufficient LAS content in this instance of the course. Seek permission from the program coordinator.

| <b>UFV Latin American Studies extended minor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>UFV Latin American Studies extended minor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lower-level requirements: 21 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Lower-level requirements: 18 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p><b>Four of:</b><br/>LAS 100, 102, 110, 200, 206; HIST 261, 262</p> <p><b>Two of:</b><br/>SPAN 101, 102, 201, 202, 301</p> <p><b>One of:</b><br/>LAS 100, 102, 110, 200, 206; ANTH 220; GEOG 233; HIST 261, 262; SOC 250; SPAN 201, 202, 301</p>                                                                                                                                                                                                                                                                                             | <p><b>18 credits from the following, including at least 6 credits in SPAN and 3 credits in LAS, GDS or GEOG:</b></p> <p>LAS 100 Images of Latin America</p> <p>LAS 102 Latin American Study Tour</p> <p>LAS/HIST 161 Aztecs, Mayas, and Spaniards</p> <p>LAS/HIST 262 Latin American History: The National Experience</p> <p>LAS/SOC 200 Social Issues in Latin America</p> <p>LAS/ANTH/MACS/SOC 206 The Politics of Art in Latin America</p> <p>GDS/ANTH 220 Culture Change: Accommodation, Resistance, and Transformation*</p> <p>GDS/SOC 250 Sociology of Development -- The Global South*</p> <p>GEOG 233A Geography of Selected Regions: South America</p> <p>GEOG 233K Geography of Selected Regions: Mexico and Central America</p> <p>SPAN 101 Spanish Language I</p> <p>SPAN 102 Spanish Language II</p> <p>SPAN 201 Intermediate Spanish I</p> <p>SPAN 202 Intermediate Spanish II</p> |
| <b>Upper-level requirements: 16 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Upper-level requirements: 16 credits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p><b>16 credits selected from the following:</b></p> <p>LAS 312 Special Topics: Latin American Cultural Topics</p> <p>LAS 402 Field Study (no longer offered)</p> <p>LAS 498 Directed Readings in Latin American Studies</p> <p>GEOG 343 Geography of Transitional Societies</p> <p>GEOG 433A Geography of Selected Regions</p> <p>HIST 357 History of Inter-American Relations: Latin America, the United States, and Canada</p> <p>HIST 358 African Slavery in the Americas</p> <p>HIST 359 Problems in Latin American Regional History</p> | <p><b>16 credits from the following including at least 4 credits in LAS, GDS or GEOG:</b></p> <p>LAS/ANTH/SOC 310 Special Topics: Regional Studies of Latin America</p> <p>LAS 312 Special Topics: Latin American Cultural Topics</p> <p>LAS/HIST 357 From the Big Stick to the CIA: The Troubled History of Inter-American Relations</p> <p>LAS/HIST 358 African Slavery in the Americas</p> <p>LAS/HIST 359 Problems in Latin American Regional History</p> <p>LAS/ANTH/SOC 363 Processes of Development and</p>                                                                                                                                                                                                                                                                                                                                                                               |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>HIST 457 Sexuality and Gender in Latin America<br/> HIST 458 History of Indigenous Peoples in Latin America<br/> HIST 459 Topics in the Political and Social History of Latin America<br/> HIST 460 State Terror, Human Rights, and the Politics of Memory in Latin America<br/> LAS/ANTH/SOC 310C-I Special Topics: Regional Studies of Latin America (see Note)<br/> LAS/ANTH/SOC 363 Processes of Development and Underdevelopment: Latin America<br/> LAS/ANTH/SOC 388 Minority Indigenous Peoples of the World<br/> LAS/SOC 442 Religion in Latin America<br/> LAS/ANTH/SOC 463 Special Topics in Development Studies<br/> LAS/SOC 472 Latin America: Race, Ethnicity, and Immigration</p> | <p>Underdevelopment: Latin America*<br/> LAS/ANTH/SOC 388 Minority Indigenous Peoples of the World*<br/> LAS/SOC 442 Religion in Latin America<br/> LAS/HIST 457 Sexuality and Gender in Latin America<br/> LAS/HIST 458 History of Indigenous Peoples in Latin America<br/> LAS/HIST 459 Topics in the Political and Social History of Latin America<br/> LAS/HIST 460 State Terror, Human Rights, and the Politics of Memory in Latin America<br/> LAS/ANTH/SOC 463 Special Topics in Development Studies*<br/> LAS/SOC 472 Latin America: Race, Ethnicity, and Immigration<br/> LAS/ANTH/MACS/SOC 492 Directed Studies in Social, Cultural, and Media Studies*<br/> LAS 498 Directed Readings in Latin American Studies<br/> GDS 311 International Internship (if in Latin America)*<br/> GEOG 433A Geography of Selected Regions: South America<br/> GEOG 433K Geography of Selected Regions: Mexico and Central America<br/> SPAN 301 Advanced Spanish I - Oral Communication<br/> SPAN 302 Advanced Spanish II – Composition<br/> SPAN 320 Special Topics in Spanish Language<br/> SPAN 330 Special Topics in Hispanic Culture<br/> SPAN 340 Spanish Translation<br/> SPAN 350 Spanish Immersion<br/> SPAN 380 Spanish Practicum I<br/> SPAN 381 Spanish Practicum II<br/> SPAN 492 Directed Studies in Spanish (2)</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*Provided there is sufficient LAS content in this instance of the course. Seek permission from the program coordinator.





**Memo**

**To:** Rod McLeod, Chair of UEC

**From:** Darren Francis, Deputy Registrar

**Subject:** Addition to UFV general admission requirements

**Date:** November 15<sup>th</sup>, 2014

---

**Background:**

UFV has received a request from a high school to consider a locally developed Criminology course for entrance into UFV's Bachelor of Arts, Criminology program. UFV's Criminology program is interested in considering the course but at this time UFV has no process in place to consider a locally developed course.

**Proposed Solution:**

UFV add the following note to the list of Approved Grade 12 courses, to allow UFV to consider such courses when requests come in:

Note: Locally developed courses may be considered in consultation with the department.

**Rationale for the change:**

UFV is a regional based university and it is our responsibility to respond to our catchment area schools. Therefore we believe making this change will allow us to respond to our local high schools and provide the opportunity for students to be considered for program entry when applicable.

**Proposal for amendment to process for Board approval of Concept Papers for new programs**

Submitted by Sylvie Murray, Program Development Coordinator, February 4, 2015.

Discussed and recommended for approval by:

- Deans Caucus, February 16, 2015
- APPC, February 18, 2015

Will be submitted for approval by:

- Senate, March 13, 2015
- Board, April 9, 2015
- UEC, February 27 (for discussion), April 24 (for approval)\* as **Addendum to Policy 21 Procedures**

\*As per policy 21, par. 9: "Procedures in support of this policy will be developed, maintained, and communicated as such: ... For new program proposals (including concept papers): UEC, in consultation with the Office of the Vice-Provost." ... Any procedures developed in support of this policy will consider the roles of other Senate Standing Committees in the course and program approval process."

**Background:**

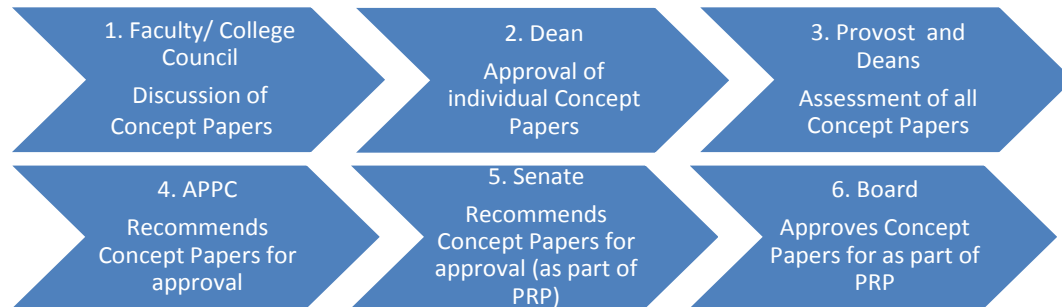
As UFV is starting the process of planning for a new *Education Plan* that will focus on broader goals related to the future of learning and universities rather than on the details of specific programs, it is necessary that we clarify the mechanism by which concept papers for new programs will be reviewed internally, then submitted for Board approval. As we do so, it is suggested that we clarify the process by which proposed new programs, as presented in the Concept Paper, will be approved for development based on the program's merit and alignment with UFV's institutional mandate, strategic priorities, and overall program mix.

The change to the current process that is recommended here is the insertion of step 3 (below) and replacing the *Education Plan Update* by a *Program Report and Plan* that is narrower in scope. The proposed process is as follows:

1. PWG presents the Concept Paper to Faculty/College for discussion.
2. The Concept Paper is reviewed and approved by the Dean of the Faculty or College that will have administrative responsibility for the program. In the case that a program draws resources from more than one Faculty/College beyond the provision of service courses, the Deans involved will decide whether responsibility will be shared.
3. **The Provost, in consultation with Deans Caucus, assesses all concept papers submitted in a given academic year, prioritizes them, and prepares a report to be presented to APPC, with accompanying rationale, on concept papers that are:**
  - Meritorious and supported for development with a specified timetable for implementation and start date (concept papers included in this category may be prioritized)
  - Not supported for development (with an explanation).
4. APPC reviews and recommends the prioritized list of Concept Papers to be approved for development. The proposed new programs are then included in the *Program Report and Plan*.<sup>1</sup>
5. The *Program Report and Plan* is provided to Senate for review and recommendation to the Board.
6. The Board approves the *Program Report and Plan*.

<sup>1</sup> The *Program Report and Plan* includes other information on program mix which does not require APPC approval since it is purely of a reporting nature (e.g., FTE produced by department), or is governed by a separate process as in the case of programs under consideration for discontinuance.

The following flowchart illustrates the process outlined above:



**Proposed timeline.** The following two options offer different advantages:

Option 1 would be necessary for this year to give program developers advanced notice, especially given that the revised Concept Paper, with increased expectations, was just approved. It would also be beneficial as a long-term plan since it offers more time for concept paper development.

Option 2 provides an alternative that might work better for APPC because some of its members are new in the Fall, but it would offer less time for concept paper development.

|                            | Option 1               | Option 2               |
|----------------------------|------------------------|------------------------|
| 1. Faculty/College Council | May-June               | Before February        |
| 2. Dean                    | Concurrent with step 1 | Concurrent with step 1 |
| 3. Provost                 | August-September       | March-April            |
| 4. APPC                    | October                | May-June               |
| 5. Senate                  | November               | September              |
| 6. Board                   | December               | October                |

Appendix 1.

*Program Report and Plan Template (2015)*

A. Progress on Approved New Programs

*Programs approved since September 2014*

| Program | Senate Approval<br>(Date) | Ministry<br>Approval<br>(Date) | Start Date<br>(or anticipated) |
|---------|---------------------------|--------------------------------|--------------------------------|
|         |                           |                                |                                |

B. Programs in Development

*New Programs listed in the Education Plan in development or nearing approval at Senate*

| Program | Likely date at Senate |
|---------|-----------------------|
|         |                       |
|         |                       |

C. Concept Papers (only those recommended for approval by APPC)

| Program |
|---------|
|         |

D. Programs Recently Discontinued or Suspended

| Program | Date |
|---------|------|
|         |      |

E. Departmental Information

[table as in 2014]

F. Programs Reviewed and Scheduled for Review

[table as in 2014]



## MEMO

To: UFV Community  
From: Rod McLeod, Chair UEC Policy Subcommittee  
Date: 16/02/2015  
Re: Consultation - Assignment of Course Credit Policy (105) Revisions

---

The Assignment of Course Credit Policy has been rewritten and is being circulated for further consultation.

This policy review examined the credit-hour measure and course credit policies. The old policy resulted in inconsistent credit assignment across the institution..

The key principles in the policy are

1. Credit value is to reflect the time a student is expected to spend achieving the learning outcomes of the course. As such, the credit value is to reflect both class time (e.g., lectures, laboratories, seminars, etc.) and outside-of-class time (e.g., reading, assignments, rehearsing, etc.).
2. Credit should be expanded to include all types of learning activities. The scheduled time that students spend in traditional classroom and lab activities is readily measured, the time spent in different types of activities should also receive credit. Other learning activities include shop, practicum, online discussions, and fully online courses.
3. The credit assigned should be consistent across disciplines and based on the total class and out of class learning time

The UEC policy subcommittee invites the UFV community to submit collaborative or individual feedback to [rod.mcleod@ufv.ca](mailto:rod.mcleod@ufv.ca)

Deadline: March 6, 2015.



NUMBER 105  
 APPROVAL DATE 02-10-1986  
 LAST AMENDMENT 04-13-2006  
 LAST REVIEWED MM-DD-YYYY  
 NEXT REVIEW DATE 04-2011

### **COURSE CREDITS (former title Assignment of Course Credits)**

|                                       |                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Approval Authority</b>             | Senate                                                                                       |
| <b>Responsible Executive</b>          | Provost and Vice-President, Academic                                                         |
| <b>Related Policies / Legislation</b> | Undergraduate Program and Course Approval (21)<br>Graduate Program and Course Approval (207) |

#### **PURPOSE**

This policy establishes standards and principles for a consistent, credible approach to assigning course credits for courses at UFV.

#### **SCOPE**

This policy applies to all courses offered for credit by the University of the Fraser Valley.

#### **DEFINITIONS**

In this policy, the following definitions apply:

**Credit:** A numeric value assigned to a course, based on both the hours of direct instruction and the coursework done outside of the classroom, which indicates the course's weight relative to courses across the university.

**Course:** A set of lectures or lessons in a particular subject, with defined learning outcomes, offered under a designated subject code and course number.

**Class time:** Time required of students to attend scheduled learning activities, including but not limited to lectures, laboratories, seminars, demonstrations, and practice of skills.

**Outside-of-class time:** Time expected of students outside of class for course-related activities, such as reading, research, assignments, projects, studying, rehearsing, and any other learning activities typically required to master the course content.

#### **POLICY**

Course credits are intended to be a reflection of the total learning time, including class time and outside-of-class time, regardless of the instructional method(s) used. Courses that require similar amounts of learning time shall be assigned similar credit values, regardless of the instructional methods or delivery methods used.

---

**REGULATIONS****Standard for determination of credits**

The credit standard at UFV is based on the academic model, which assumes the following:

- The course is lecture or seminar based, with a 1:2 ratio of class time to outside-of-class time.
- A credit is based on one hour in class and two hours of outside-of-class study (total three hours per week of study time) for an average student over a 15-week semester, for a total of 45 study hours.

Many courses do not follow the above model precisely, or contain more than one instructional format with quite different ratios of class time to outside-of-class time, so credits are not determined by the number of class hours. Credits are based on an equivalent total amount of student course work (including class time and outside-of-class time).

**Approval of course credits**

Credit values for courses are established during the course approval process and may be changed during course reviews, in accordance with the Undergraduate and Graduate Course and Program Approval policies.

The head of the department or program, with approval of the appropriate curriculum committee, proposes the number of credits for each course. When proposing course credit values for new courses, or changes to credit values, departments will be required to explain how the credits were determined, based on:

- instructional contact hours required for students to achieve content mastery
- additional hours required of the student to achieve content mastery

There may be times when a comparison with the standard credit value does not provide an appropriate credit value for a particular course. In these cases the department must provide a detailed rationale to explain why a variance is requested.

---

**APPENDIX**

**Calculation of credit values**

Credit can be calculated based on the total time estimated for completion of a course by a typical student, compared to a credit in the standard academic model, using the following chart:

| Course                    | Class hours per week | Outside-of-class hours per week | Total study hours per week | Duration in weeks (may vary for each component) | Total hours per semester | Credits – total hours/45 |
|---------------------------|----------------------|---------------------------------|----------------------------|-------------------------------------------------|--------------------------|--------------------------|
| <b>Sample Arts</b>        |                      |                                 |                            |                                                 |                          |                          |
| <b>Scheduled Class</b>    | 3                    | 6                               | 9                          | 15                                              | 135                      | 3                        |
| <b>Sample Trades</b>      |                      |                                 |                            |                                                 |                          |                          |
| <b>Scheduled Class</b>    | 15                   | 7.5                             | 22.5                       | 3                                               | 67.5                     |                          |
| <b>Shop</b>               | 10                   | 5                               | 15                         | 3                                               | 45                       |                          |
| <b>Total</b>              | 25                   | 12                              | 37                         | 3                                               | 112.5                    | 2.5                      |
| <b>Sample Science</b>     |                      |                                 |                            |                                                 |                          |                          |
| <b>Scheduled Class</b>    | 3                    | 6                               | 9                          | 15                                              | 135                      |                          |
| <b>Lab</b>                | 1                    | 1                               | 2                          | 13                                              | 26                       |                          |
| <b>Total</b>              | 4                    | 7                               | 11                         | 15                                              | 161                      | 3.6                      |
| <b>Sample Development</b> |                      |                                 |                            |                                                 |                          |                          |
| <b>Scheduled Class</b>    | 6                    | 3                               | 9                          | 15                                              | 135                      | 3                        |
| <b>Sample</b>             |                      |                                 |                            |                                                 |                          |                          |
| <b>Scheduled Class</b>    | 2                    | 4                               | 6                          | 15                                              | 90                       |                          |
| <b>Practicum</b>          |                      | 6                               | 6                          | 15                                              | 90                       |                          |
| <b>Total</b>              | 2                    | 10                              | 12                         | 15                                              | 180                      | 4                        |





NUMBER 105

APPROVAL DATE 02-10-1986

LAST AMENDMENT 04-13-2006

LAST REVIEWED

NEXT REVIEW DATE 04-2011

**ASSIGNMENT OF COURSE CREDIT**

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| <b>Approval Authority</b>             | Senate                               |
| <b>Responsible Executive</b>          | Provost and Vice President, Academic |
| <b>Related Policies / Legislation</b> |                                      |

**PURPOSE**

Course credit value is meant to be, and is interpreted as, a measure of the content (skills and /or knowledge) in the course. Operationally, such measurement, especially when some degree of precision is desired, is fraught with difficulty. By and large this has been resolved by measuring a variable known to correlate with content, has an acceptable level of face validity as an indicator of material covered, and which lends itself to being measured more easily: contact hours. In this regard, a number of standards have been developed which rely on the assumption that mastery of the content can be attained by an average student over a specified number of instructional contact hours and an "assumed" number of hours of independent study.

One such standard, for instance, is the one-semester three-credit academic lecture-based course, which is based on the assumption that delivery and mastery of content requires three hours of instruction and an average of six hours of independent study per week. Another is that 25 hours (typically one week) of learning time in a trades and technology program yields one credit's worth of content.

Once such standards are accepted as norms, they are used to estimate credit values for other courses. One such method relies merely on counting additional hours of instruction, assuming the same lecture/independent study ratio, and using the standard as a multiplier (e.g., adding credits for lab hours associated with a course). Another method involves ignoring the hours completely (e.g., for alternative delivery methods such as distance delivery or distributed learning), while assuming that, based on content alone, the standard credit value for such a course will be the equivalent of its lecture-based version.

**POLICY**

Course credit is a measure of the content in a course. The expert authority with regard to course content and proposing credit value is the department responsible for designing the course.

**REGULATIONS**

Course content is the prime determinant of the appropriate course credit value; however, it is recognized that depth and complexity are important dimensions of content and that these are likely to affect the time and effort required of students to master it.

Senate, upon the recommendation of the Undergraduate Education Committee (UEC), and the Graduate Studies Committee (GSC) recognises the content of each course by assigning credit.

When proposing course credit values, or changes to credit values, departments will identify and explain the standard used. Each case will be considered on its individual merit on basis of such considerations as:

- the quantity, depth, and complexity of content covered
  - instructional contact hours required for students to achieve content mastery
  - additional hours required of the student to achieve content mastery
  - articulation with other institutions
  - the credit value of the same or similar courses at UFV or at other institutions
  - the level of student effort required to master the content.
-



### **Concept Paper Guidelines for Undergraduate programs**

*The concept paper serves as a general indication of a Program Working Group's thinking on key issues related to a proposed program. It should be used for all new programs, including degrees (ex: Bachelor of Media Arts), specializations within an existing degree (ex: Major in Computing Science), diplomas (ex: Automation & Control Systems Technician Diploma) and certificates.<sup>1</sup>*

*In accordance with the Procedures for Undergraduate Course and Program Approval (Appendix to Policy 21), the Concept Paper is developed, on the approved template, by a Program Working Group (PWG), in consultation with the Program Development Office, appropriate academic units, and the Dean of the area.*

*Once developed, the concept paper is presented to the relevant Faculty/College Council for discussion and to the Dean for approval. Upon approval by the Dean, and before its inclusion in the Education Plan, the Concept Paper is presented to the Academic Planning and Priorities Committee (APPC). APPC will verify that the program proposed in the Concept Paper is consistent with institutional priorities before recommending it for inclusion in the Education Plan. Only upon inclusion of the program concept in the Education Plan, as approved by the Board of Governors, should a Program Working Group proceed with developing the Program Proposal.*

*What is expected of the Concept Paper is explained below.*

**Maximum Length:** five to eight pages (plus appendices, if required).

#### **1. Basic Information**

- a. Credential to be awarded  
*For instance, "Bachelor of Arts, Major in Theatre" or "Bachelor of Agricultural Science, Major in Horticulture" or "Automation and Control Systems Technician Diploma".*
- b. Number of credits; if relevant, completion time in years or semesters  
*Note that all programs are expected to be structured to ensure timely completion by students (e.g., 4 years for a 120-credit degree program, or 2 years for a 60-credit diploma program). Completion time needs to be indicated only if it is a defining feature of the proposed program, for instance:*
  - *for a program primarily aimed at international students, a minimum length of time might be advisable to facilitate immigration;*
  - *some programs may be conceived to be delivered exclusively, or primarily, in an accelerated format;*
  - *programs that build on an earlier credential, in a laddering model, would have a shorter completion time than suggested by the number of credits ("two semesters, post-Certificate").*
- c. Administrative responsibility  
*Name the Faculty or College that will have administrative responsibility for the program. In the case that a program draws resources from more than one Faculty/College beyond the provision of service courses, the Deans involved will decide who will assume administrative responsibility for the program and whether administrative responsibility will be shared by more than one Faculty/College. The Faculty/College and Dean that has administrative responsibility will have approval authority at the relevant stages of the program approval process.*

<sup>1</sup> With the exclusion of programs seeking approval through the expedited program approval process.



d. Goals

*Provide a brief statement describing the goals of the new program in terms of preparing students for employment, professional and/or further educational opportunities.*

## **2. Alignment with Institutional Priorities and Existing Programming**

a. Program Learning outcomes (and alignment with ILOs)

*Even though the learning outcomes presented in the concept paper are likely to be refined as the curriculum structure and content take shape, they should inform the design of a program at the outset. Given the employment, professional, educational goals to be met by the program, what skills, knowledge, and attributes will graduates of this program possess upon completion of the program? (Phrase your program outcomes as "Upon completion of this program, graduates will be able to: ...").*

*You are also asked to articulate how the program outcomes align with UFV's Institutional Learning Outcomes since the ILOs reflect essential skills and knowledge that every graduate should acquire at UFV.*

b. Contribution to UFV's mandate and strategic priorities

*Consult UFV's key planning documents (Strategic Directions, current Education Plan Update, Strategic Enrollment Management Plan--all available on the UFV Senate [website](#)) and explain which institutional priority/ies your program will support. Also consider and discuss how the program will employ high-impact practices and incorporate interdisciplinary opportunities.*

c. Related programs in the institution or other British Columbia post-secondary institutions. Indicate rationale for duplication, if any. Explain what differentiates this program from similar programs. *Is this a program that is completely new to UFV, or does it build on, or complement, existing programs? If relevant, explain its relationship to existing programs and provide a justification if it duplicates, significantly overlaps, or is likely to replace an existing program over time.*

*Also provide a list of similar programs at other institutions in British Columbia and, if duplication exists, explain how the proposed program will be competitive in the BC post-secondary environment. Why should students take this program at UFV rather than at another institution?*

## **3. Audience, demand and capacity**

a. Audience

*What type or group of students will your program attract? For instance, high-school graduates; mid-career professionals; students laddering from a previous program; international students; students currently attracted to a cognate program.*

b. Student demand

*Provide evidence of student demand and anticipated annual enrolments for the program. (If anticipating attracting international students, please consult with leadership at UFV International, and provide evidence of consultation.)*

c. Employment for graduates and/or opportunities for further study.



*What will graduates of this program do? What areas/sectors of employment and/or occupational categories will the skills and learning acquired in this program prepare them for? What are the current and anticipated labour market conditions and career outlooks in the relevant sectors and occupations? What further educational opportunities will the program prepare students for?*

- d. Existing capacity and/or possible resource needs  
*Will this program draw on existing resources and/or is it likely to need additional resources? Consider faculty and staff, labs, space, technical support, etc. A detailed budget analysis will be produced in the program development stage; but you and your Dean should have a general idea that the proposed program is financially viable and sustainable.*

#### **4. Program Working Group membership**

*List the members of the PWG and the reasons for their selection. Include brief biographies and credentials of PWG members. The PWG should consist of a minimum of three faculty members with teaching or research expertise in the subject area. Normally, PWG members should be permanent UFV faculty members. If a new program is entirely discipline-based, at least one additional member from another discipline with teaching or research expertise in the subject area or related area should be included. Note that only approved PWGs should develop and present Concept Papers for inclusion in the Education Plan.*

#### **5. Consultation process**

*Please indicate what consultation has taken place already about the proposed program and/or what consultation is anticipated later in the program development stage (this may include consultation with the community or prospective employers through an Advisory Committee; on indigenizing; with other academic units at UFV; with other institutions who offer a similar or related program).*

#### **6. Anticipated start date and development/review & approval/implementation timetable**

*By requesting inclusion of a concept paper in the Education Plan, you are notifying the institution of your commitment to develop the proposed program, and to do so in a timely fashion in order to allow for budget and enrolment planning. The Program Development Office will work with the Dean and the Program Working Group to set a realistic date when the program will be launched. This will include a reasonable timetable for development of the full program proposal, internal and external review and approval, and implementation. The latter should take into account, for instance, inclusion in the Academic Calendar after approval, timetabling of courses needed for the program, advertising and marketing, and recruitment cycle for International students (October to May).*

*Significant delays in meeting key landmarks (for instance, entering the review and approval stage of the process) could lead to being asked to submit a revised timetable or withdraw the program from the planning process. Education Plan updates will include status reports on programs in development.*