

**UNDERGRADUATE PROGRAM ADVISORY COMMITTEE
(UPAC) MEETING**

Wednesday, December 14, 2005

9:30 AM – Room A225

Abbotsford Campus

APPROVED MINUTES

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**Present:** S. Brigden, B. Cooke, E. Dennis, E. Harris, L. Howe, M. MacDougall, H. McCullough, G. Mimmack, P. O'Brien, B. Salingre, J. Snodgrass

**Regrets:** R. Kelley, R. Morrison

**Guests:** J. Andersen, G. Anderson, S. Drysdale, J. Durand, K. Evans, I. McAskill, K. Polowek, N. Taylor, G. Wolfson

**Recorder:** P. Cruickshanks

**1. APPROVAL OF UPAC AGENDA****MOTION:****E. Dennis/G. Mimmack**

To approve the UPAC December 14 agenda with the following amendments:

**3.2 Criminology – change to program****3.10 Communications To delete CMNS 250 and replace it with CMNS 251****3.11 Posting Course Outlines to H drive****CARRIED****2. UPAC MINUTES**

**2.1** UPAC draft Minutes: The draft minutes of November 25, December 7 and December 14 will be presented for approval at the February 3, 2006 UPAC meeting.

**3. UPAC BUSINESS****3.1 Aviation**Changes to Courses: AV 404, AV 405**MOTION:****B. Salingre/E. Dennis**

To approve the relocation of AV 404 to Semester VIII with a prerequisite of AV 405 and AV 405 to Semester VII with a prerequisites of AV 402.

**CARRIED****3.2 Criminology/Criminal Justice**Changes to Courses: CRIM 265 (combined CRIM 160 and CRIM 260 to make CRIM 265).Changes to Program: Remove CRIM 160 and CRIM 260 from the calendar.**MOTION:****J. Snodgrass/M. MacDougall**

To approve the CRIM 265 with the following amendments:

Calendar Description: Note: Students with CRIM 260 can not take CRIM 265 for further credit.Synonymous Courses: Replaces **CRIM 260** and Cannot take **CRIM 260** for further credit.

Remove CRIM 160 and CRIM 260 from the calendar.

**CARRIED****MOTION:****S. Brigden/H. McCullough**

To approve the changes to program as presented by moving the "Note: Students who have taken the (now discontinued CRIM 260 course may use it for this requirement. CRIM 160 (now discontinued) may be used as a general elective." to the program section of the calendar.

**CARRIED**

### 3.3 Economics

Changes to Courses: ECON 100, ECON 101, ECON 361, ECON 388, ECON 397

Change to Program: Economic Minor

Addition of the Economics Minor to the Bachelor of Arts

**MOTION:**

**P. O'Brien/H. McCullough**

To approve the changes to ECON 100, ECON 101, ECON 361, ECON 388, ECON 397 with an implementation date of September 2006.

**CARRIED**

**MOTION:**

**B. Salingre/L. Howe**

To approve the changes to the Economic Minor by adding MATH 270 as an alternative to MATH 104 or MATH 106 and the addition of BUS 162.

**CARRIED**

**MOTION:**

**E. Dennis/M. MacDougall**

To approve the addition of the Economics minor to the Bachelor of Arts.

**CARRIED**

### 3.4 Social work and Human Services

Changes to Courses: FNST 101, FNST 201

**MOTION:**

**B. Salingre/M. MacDougall**

To approve FNST 101, FNST 201 as presented.

**CARRIED**

### 3.5 Physics

Changes to Courses [4 Year Reviews]: ENGR 255, PHYS 083, PHYS 093, PHYS 100, PHYS 221, PHYS 222, PHYS 231, PHYS 302, PHYS 311, PHYS 321, PHYS 382, PHYS 484, PHYS 485, ENGR 113, ENGR 122, ENGR 151, ENGR 152, ENGR 257, PHYS 252, PHYS 332, PHYS 342, PHYS 352, PHYS 381, PHYS 452, PHYS 455, PHYS 462, PHYS 472

Changes to Courses:

General concerns were expressed regarding the wording of the learning outcomes.

**MOTION:**

**H. McCullough/B. Salingre**

That the course outlines be considered without the learning outcomes, and that the learning outcomes must be submitted by the March 2006 meeting as per submission guidelines.

**In Favour: 4**

**Opposed: 3**

**CARRIED**

**MOTION:**

**S. Brigden/L. Howe**

To approve ENGR 255, PHYS 083, PHYS 093, PHYS 100, PHYS 221, PHYS 222, PHYS 231, PHYS 302, PHYS 311, PHYS 321, PHYS 382, PHYS 484, PHYS 485, ENGR 113, ENGR 122, ENGR 151, ENGR 152, ENGR 257, PHYS 252, PHYS 332, PHYS 342, PHYS 352, PHYS 381, PHYS 452, PHYS 455, PHYS 462, PHYS 472 with the amendments as noted:

PHYS 083

Prerequisites: Any BC Math 11 (or Principles of Math 11), or MATH 084 OR MATH 085

PHYS 093

Prerequisites: Any BC Math 11, MATH 084 or MATH 085 and one of PHYS 083, Physics 11 or PHYS 100

PHYS 100:

Prerequisites: Any BC Math 12 or MATH 094

PHYS 221:

Prerequisites: PHYS 111 and PHYS 112 or PHYS 101 and PHYS 105 WITH a B+ or higher in each

PHYS 231:

Prerequisite: PHYS 442 111 and MATH 111

Co or Prerequisite: PHYS 221

PHYS 311:

Prerequisites: PHYS 231 (Thermodynamics)

PHYS 484:

Calendar Description: ~~Physics 484 is a~~ This course is designed to...

PHYS 485:

Calendar Description: ~~Physics 485 is a~~ This course is a laboratory...

PHYS 342:

Pre or Corequisites: PHYS 332

PHYS 462:

Pre or Corequisites: PHYS 472

PHYS 472:

Pre or Corequisites: PHYS 462

CARRIED

**MOTION:**

H. McCullough/B. Salingre

That the course outlines be considered without the PLAR, and that the PLAR must be submitted by the March 2006 meeting as per submission guidelines.

CARRIED

Changes to Courses: PHYS (ASTR) 103, PHYS (ASTR) 104, PHYS 322, PHYS 351, PHYS 451, PHYS 481

**MOTION:**

B. Salingre/S. Brigden

To approve the new subject code ASTR.

CARRIED

**MOTION:**

H. McCullough/B. Salingre

To approve ASTR 103, ASTR 104 and the deletion of PHYS 103 and PHYS 104, PHYS 322, PHYS 351, PHYS 451, PHYS 481 with the following amendments:

ASTR 103:

Calendar Description: Note: Students with PHYS 103 cannot take ASTR 103 for further credit.

Pre or Co Requisites: principles of Math 11...

ASTR 104:

Calendar Description: Note: Students with PHYS 104 cannot take ASTR 104 for further credit.

CARRIED

Changes to Program: Physics Honours, Physics Major

**MOTION:**

E. Dennis/S. Brigden

To approve the changes to Physics Honours program.

CARRIED

**MOTION:**

E. Dennis/S. Brigden

To approve the changes to the Physics major.

CARRIED

**3.6 Kinesiology and Physical Education**

Changes to Courses: KPE 170, KPE 270, KPE 370-change in lab hours

**MOTION:**

J. Snodgrass/S. Brigden

To approve the changes to lab hours to KPE 170, KPE 270, KPE 370.

CARRIED

Changes to Program: Request to include Biology Minor in the KPE program

**MOTION:**

J. Snodgrass/S. Brigden

To approve the inclusion of the "biology minor for kinesiology students" as an option for students within the Bachelor of Kinesiology degree.

CARRIED

### 3.7 English

New Course(s): ENGL 104, ENGL 319

There was concern expressed that the learning outcomes are not in keeping with what is required according to the UPAC submission guidelines.

#### **MOTION:**

**P. O'Brien/H. McCullough**

To approve ENGL 104, ENGL 319 with the following amendments and the understanding that the English Department bring the learning objectives / goals/ outcomes / learning outcomes back to UPAC by March 2006 following the submission guidelines for learning outcomes.

ENGL 319:

Learning objectives / goals/ outcomes / learning outcomes:

~~The course will introduce~~ **Students will be introduced** to the most influential novels written at the period of the birth of the novel in English when the form itself was fluid and produced several disparate forms of fictional narrative: the Journalistic Novel (Defoe), the Picaresque Novel (Fielding), the Epistolary Novel (Richardson), and the Psychological or Associationist Novel (Sterne).

**CARRIED**

Changes to Courses: ENGL 364, ENGL 366

#### **MOTION:**

**P. O'Brien/H. McCullough**

To approve ENGL 364, ENGL 366 with the following amendments and the understanding that the English Department bring the learning objectives / goals/ outcomes / learning outcomes back to UPAC by March 2006 following the submission guidelines for learning outcomes.

ENGL 364:

Prerequisites: Any two English courses numbered ~~300~~ **200** or higher. Note: Beginning September 2007: "Any two English courses numbered 300 or higher".

Learning objectives / goals/ outcomes / learning outcomes:

~~This course is designed to introduce to students major critical statements about literature. It is also intended to provide intensive training in literary context.~~

**Students will be introduced to major critical statements about literature.**

**It is also intended to provide intensive training in literary context.**

Textbooks, References, Materials: David H. Richter, *The Critical Tradition: Classic Texts and Contemporary Trends*, **Bedford Books, 1997**

Supplies / Materials

No ~~unusual~~ **special** supplies needed.

ENGL 366:

Prerequisites: Any two English courses numbered ~~300~~ **200** or higher. Note: Beginning September 2007: "Any two English courses numbered 300 or higher".

Textbooks, References, Materials: David Lodge, *Modern Criticism and Theory*; Pearson, 2000  
J. Hawthorn, *A Concise Glossary of Contemporary Literary Theory*, **Oxford Press 1998**

Supplies / Materials

No ~~unusual~~ **special** supplies needed.

**CARRIED**

### 3.8 Admission GPA for Extended Studies (2.33/2.0) **DEFERRED**

### 3.9 CIS and MATH Departments

New Course: COMP 138

This item was discussed at the UPAC meeting on December 7 and has been brought back to this meeting for further discussion. Consultation between the MATH and CIS departments has not resulted in a satisfactory resolution. There was a lengthy discussion which included the following points:

Is COMP 138 considered a service course?

COMP 138 has been designed to teach and apply discrete Math.

Which department should house this course (MATH or CIS)?

What is the best way to serve the students?

The original motion was put forward:

**MOTION:**

To approve COMP 138 as presented.

**S. Brigden/JH. McCullough**

**MOTION:**

To amend the original motion to change the number of the course outline to MATH 124.

**G. Mimmack/J. Snodgrass**

**In Favour: 3**

**Opposed: 5**

**DEFEATED**

**VOTE CALLED ON THE ORIGINAL MOTION:**

**In Favour: 5**

**Opposed: 3**

**CARRIED**

**3.10 Communications**

CMNS 250 to be replaced with CMNS 251 in the following programs: Criminology/Criminal Justice, Business Administration, Computer Information Systems, Agriculture technology diploma, Bachelor of Arts in Child and Youth Care, Bachelor of Arts in Child Care – Child Welfare Specialization, Early Childhood Education, Social Services diploma, Social Services diploma – First Nations option, Substance Abuse Counselling diploma/certificate.

**MOTION:**

UPAC approve the deletion of CMNS 250 and addition of CMNS 251 for those programs indicated above.

**S. Brigden/P. O'Brien**

**CARRIED**

**3.11 Posting Course Outlines on H drive**

It was decided to place the course outlines on the public drive as soon as possible after UPAC approval and not to wait until the minutes of the next meeting are approved.

**4. ADJOURNMENT**

# CALENDAR COPY

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## 3.1 Aviation

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### Four-year Aviation degree program

#### Semester VII

| Course            | Title                                                     | Credits      |
|-------------------|-----------------------------------------------------------|--------------|
| AV 350A           | Fitness                                                   | 0.5          |
| AV 405            | Advanced Jet Transport Systems and Performance            | 3            |
| <del>AV 404</del> | <del>Advanced Aerodynamics and Operating Procedures</del> | <del>3</del> |
| BUS 403           | Strategic Management                                      | 3            |
| BUS 420           | International Business                                    | 3            |
| Elective          | A second language                                         | 3            |

**Plus:** courses for Heavy Jet Transport or Professional Flight  
Instructor options (see additional chart below)

#### Semester VIII

| Course            | Title                                                     | Credits      |
|-------------------|-----------------------------------------------------------|--------------|
| AV 350B           | Fitness                                                   | 0.5          |
| <del>AV 405</del> | <del>Advanced Jet Transport Systems and Performance</del> | <del>3</del> |
| AV 404            | Advanced Aerodynamics and Operating Procedures            | 3            |
| BUS 404           | Management Science                                        | 3            |
| BUS 430           | Management of Innovation                                  | 3            |
| BUS 460           | Aviation Management                                       | 3            |
| Elective          | Social Science elective (other than Economics)            | 3            |

**Plus:** courses for Heavy Jet Transport or Professional Flight  
Instructor options (see additional chart below)

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**AV 404** 3 credits

#### Advanced Aerodynamics and Operating Procedures (formerly AV 340)

Prerequisite(s): AV ~~402~~ 405

This course provides details of incompressible flow airfoil theory and wing theory, description of stall speed, drag, and basic performance criteria, stability, trim and control, and configuration changes in high and low speed conditions. Compressible flow theory is introduced as well as transonic and supersonic flight.

**AV 405** 3 credits

#### Advanced Jet Transport Systems and Performance

Prerequisite(s): AV ~~404~~ 402

This course provides students with an appreciation for modern transport aircraft systems and performance: this includes understanding how electronic control and navigation systems work, their normal operation as well as their limitations. It includes becoming aware of the role, the operation and limitations of automation in aircraft. It also includes increasing the student's understanding of large aircraft systems and advancing the ability to determine performance information of large aircraft.

**3.2 Criminology/Criminal Justice**

CRIM 265 (combined CRIM 160 and CRIM 260 to make CRIM 265).

**DELETE CRIM 160:** Problem Management Skills for Criminal Justice Intervention **and CRIM 260:** Methods of Intervention in Criminal Justice from the calendar.

**Page 90****Program outlines****Criminal Justice diploma****Semester II**

| Course              | Title                                                                   | Credits      |
|---------------------|-------------------------------------------------------------------------|--------------|
| CRIM 104            | Sociological Explanations of Criminal and Deviant Behaviour             | 3            |
| CRIM 105            | Psychological Explanations of Criminal and Deviant Behaviour            | 3            |
| <del>CRIM 160</del> | <del>Problem Management Skills for Criminal Justice Interventions</del> | <del>3</del> |
| Elective General    | any 100/200 level university transferable non-criminology course        | 3            |
| CRIM                | Elective                                                                | 3            |
| CMNS/ENGL one of:   |                                                                         | 3            |
| • CMNS 125          | Business Communications                                                 |              |
| • CMNS 155          | Communications for Human Services                                       |              |
| • ENGL 105          | The Reading and Writing of Prose                                        |              |

**Semester III**

| Course                    | Title                                                        | Credits      |
|---------------------------|--------------------------------------------------------------|--------------|
| CRIM 201                  | ** Physical Fitness Training I                               | 2            |
| <del>CRIM 260</del>       | <del>Methods of Intervention in Criminal Justice</del>       | <del>3</del> |
| CRIM 240                  | Comparative Criminal Justice Systems                         | 3            |
| CRIM 265*                 | Problem Management Skills for Criminal Justice Interventions | 3            |
| Elective                  | Arts (UCFV) 200 level or higher (non criminology)            | 3            |
| CRIM                      | Elective                                                     | 3            |
| CMNS/ENGL one of:         |                                                              |              |
| • CMNS 250                | Report Writing for Business                                  |              |
|                           | Information Technologies                                     |              |
|                           | Social & Human Services                                      | 3            |
| • ENGL 120–170 or higher* |                                                              | 3            |

\*Note: Students who have taken the (now discontinued) CRIM 260 course may use it for this requirement. CRIM 160 (now discontinued) may be used as a general elective.

**BA (Criminal Justice) degree****Semester II**

| Course                                                                              | Title                                                                   | Credits      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------|
| CRIM 104                                                                            | Sociological Explanations of Criminal and Deviant Behaviour             | 3            |
| CRIM 105                                                                            | Psychological Explanations of Criminal and Deviant Behaviour            | 3            |
| <del>CRIM 160</del>                                                                 | <del>Problem Management Skills for Criminal Justice Interventions</del> | <del>3</del> |
| Elective General - any 100/200 level university transferable non-criminology course |                                                                         | 3            |
| CRIM                                                                                | Elective                                                                | 3            |
| CMNS/ENGL one of                                                                    | 3                                                                       |              |
| • CMNS 125                                                                          | Business Communications                                                 |              |
| • CMNS 155                                                                          | Communications for Human Services                                       |              |
| • ENGL 105                                                                          | The Reading and Writing of Prose                                        |              |

**Semester III**

| Course                                                                                        | Title                                                                                 | Credits      |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| CRIM 240                                                                                      | Comparative Criminal Justice Systems                                                  | 3            |
| <del>CRIM 260</del>                                                                           | <del>Methods of Intervention in Criminal Justice</del>                                | <del>3</del> |
| CRIM 265*                                                                                     | Problem Management Skills for Criminal Justice Interventions                          | 3            |
| Elective                                                                                      | CRIM                                                                                  | 3            |
| Elective                                                                                      | Arts (UCFV) 200-level or higher (non CRIM)                                            | 3            |
| <del>Elective General: any 100/200 level university transferable non-criminology course</del> |                                                                                       | <del>3</del> |
| CMNS/ENGL one of:                                                                             |                                                                                       | 3            |
| CMNS 250                                                                                      | Report Writing for Business,<br>Information Technologies<br>Social and Human Services |              |
| • ENGL 120-170 or higher                                                                      |                                                                                       |              |

\*Note: Students who have taken the (now discontinued) CRIM 260 course may use it for this requirement. CRIM 160 (now discontinued) may be used as a general elective.

### 3.3 Economics

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#### Economics

Economics concerns the wealth of nations. Economics is the study of how a society organizes its productive resources, including human resources, in attempting to reach the various goals of its members. The subject may be divided into study of the use of resources at any one time, the balancing of current and future goals, and the distribution of income among persons. Economics seeks to discern both the common features and the differences in the institutions by which societies throughout the world, today and in the past, have organized economic life. The approach is descriptive and analytical; many issues of national and international policy are considered.

The mission of the Economics department is to acquaint students with the economic aspects of modern society, to familiarize students with techniques for the analysis of contemporary economic problems, and to develop in students an ability to exercise judgment in evaluating public policy.

Undergraduate economics is a liberal arts subject and provides good preparation for careers in law, education, business, and government.

#### Economics Minor

The Economics Department offers a Minor in Economics to BBA and BA degree program students. The Economics Minor is designed to build on skills and competencies already developed by students in their major area of study. Specific economics course descriptions are detailed starting at page 273.

#### Economics minor

This section specifies the Economics minor requirements only for students in the BA and BBA degree programs,. BA students must combine these minor requirements with another Arts major. See page 56 for additional Bachelor of Arts requirements and the appropriate pages for the chosen major or minor.

#### Lower-level requirements:

| Course      | Title                                      | Credits |
|-------------|--------------------------------------------|---------|
| ECON 100    | Microeconomics                             | 3       |
| ECON 101    | Macroeconomics                             | 3       |
| BUS 162     | Business Math                              | 3       |
| Or MATH 104 | Introductory Statistics                    | 4       |
| Or MATH 106 | Statistics I                               | 4       |
| Or MATH 270 | Introduction to Probability and Statistics | 4       |
| MATH 111    | Calculus I                                 | 4       |
| Or MATH 115 | Differential and Integral Calculus I       | 4       |

#### Upper-level requirements:

| Course                | Title                                       | Credits |
|-----------------------|---------------------------------------------|---------|
| ECON 307              | Managerial Economics                        | 4       |
| ECON 410              | Economics of Financial Markets              | 4       |
| ECON 300 or 400 level |                                             | 4       |
| ECON 300 or 400 level |                                             | 4       |
| Or one course from:   |                                             |         |
| BUS 410               | Government and Enterprise                   | 3       |
| BUS 433               | Investments                                 | 3       |
| BUS 434               | Risk Management and Financial Engineering   | 3       |
| BUS 435               | International Finance                       | 3       |
| BUS 449               | Financial Management II                     | 3       |
| BUS 450               | Probabilistic Models in Operations Analysis | 3       |
| BUS 451               | Computer Simulation Models in Business      | 3       |
| BUS 452               | Computer Applications in Operations         | 3       |
| BUS 453               | Decision Theory in Business                 | 3       |



### 3.5 Physics

**PLEASE NOTE THAT THERE IS A NEW SUBJECT CODE FOR ASTRONOMY: ASTR**

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- ~~• GPA in all courses applicable to the BSc Honours Physics degree must be at least 3.33.~~
- ~~• GPA in all Physics courses applicable to the BSc Honours Physics degree must be at least 3.33.~~
- The GPA over all courses that the student uses towards the degree must be at least 3.33.
- In addition, the GPA over all Physics courses used towards the degree must be at least 3.33

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#### Physics Major

##### Lower-level requirements

| Course   | Title                                       | Credits |
|----------|---------------------------------------------|---------|
| PHYS 111 | Mechanics (or Phys 101 with a B+ or better) | 5       |
| PHYS 112 | Electricity and Magnetism                   | 5       |
| PHYS 221 | Intermediate Mechanics                      | 4       |
| PHYS 222 | Intermediate Electricity and Magnetism      | 4       |
| MATH 111 | Calculus I                                  | 4       |
| MATH 112 | Calculus II                                 | 4       |
| MATH 221 | Calculus III                                | 3       |

##### Upper-level requirements

|              |                             |    |
|--------------|-----------------------------|----|
| PHYS 381     | Mathematical Physics        | 3  |
| <b>Plus:</b> |                             |    |
| PHYS         | Upper-level physics courses | 27 |

### 3.6 Kinesiology and Physical Education

Changes to Program: Request to include Biology Minor in the KPE program

### 3.10 Communications

CMNS 250: Report Writing for Business, Information Technologies, Social and Human Services

#### **TO BE REPLACED WITH:**

CMNS 251: Professional Report Writing, in the following programs:

- Criminology/Criminal Justice
- Business Administration
- Computer Information Systems
- Agriculture technology diploma
- Bachelor of Arts in Child and Youth Care
- Bachelor of Arts in Child Care – Child Welfare Specialization
- Early Childhood Education
- Social Services diploma
- Social Services diploma – First Nations option
- Substance Abuse Counselling diploma/certificate.