

**PROGRAM ADVISORY COMMITTEE (PAC)  
EXTRAORDINARY MEETING**

**December 14, 2001  
9:30 a.m. • Room D215  
Abbotsford Campus**

**MINUTES**

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**PRESENT:** D'Anne Epp (Chair), Jean Ballard, Bob Bolton, Paul Burkhart, Bill Cooke, Virginia Cooke, Mark DeLadurantaye, Sandra Flynn, Elaine Harris, Barbara Salingré, Patti Wilson

**REGRETS:** Mike Anderson, Dave Burnie, Veena Merz, Frank Sheldon

**GUESTS:** Bonnie Hamilton, Vicki Grieve, Andrea Kastner, Peter Mulhern, Don Murray

**IN ATTENDANCE:** Ellenor Greaves, Avena Guppy

Mark DeLadurantaye, President of the UCFV Student Union Society, was welcomed to the meeting. Until now, he had been unable to attend the PAC meetings because of his schedule.

**1.0 APPROVAL OF PAC AGENDA**

**Motion:**

**P. Burkhart / V. Cooke**

To move Jean Ballard's presentation to the first Agenda Item since Jean needs to attend to an urgent family matter.

**APPROVED**

**2.0 APPROVAL OF PAC MINUTES**

- 2001-11-28
- 2001-12-07

Due to the number of items brought before the PAC for discussion, it was decided that the Minutes from the previous two PAC meetings could be discussed if time permits. The Minutes from the PAC meetings of November 28, December 7 and December 14 will be discussed at another Special PAC meeting to be held in the first week of January 2002.

**On Hold**

**3.0 NEW PAC BUSINESS**

**3.5 Calendar Description Change: ANTH 120 to ANTH 268**

Jean Ballard pointed out that the Department of Social Cultural & Media Studies proposed changes to ANTH 120 – Culture and Environment. The following changes were proposed:

- Change the course number from ANTH 120 to ANTH 268. The reason for the change is that the course has been reassigned as a second year level course in order to increase the depth of discussion on the subject and ensure a better linkage with the upper level course in this area, SCMS 468 – Society and Environment.
- Change in the prerequisite from none to strongly recommend an introductory Sociology or Anthropology course. The reason for this change is because the Department's objective is to stress the need (but not formal requirement) of having some previous experience and exposure to basic concepts and framework used in the discipline (eg, SOCI 101 or ANTH 102). Students

should be prepared for discussion and course work at a level beyond an introductory level, allowing a more in-depth analysis of the subject area.

- Minor change in the wording of the calendar description. The remainder of the Official Course Outline will appear "new" because the original description for ANTH 120 was done over 20 years ago and is no longer on file.

**Motion:**

**B. Cooke / B. Salingré**

To approve the course number change of ANTH 120 to ANTH 268, to change the prerequisite, and to change the calendar description for Calendar copy as presented.

**APPROVED**

Calendar Copy (page 202)

**ANTH 420 268 (formerly ANTH 120):**

**Culture and Environment**

**3 credits**

Prerequisites: **None, but either SOC 101 or ANTH 102 is strongly recommended**

COREQUISITES: None

Our world is facing an environmental crisis as a result of increasing population growth, water, soil, air, and noise pollution, and overuse of rural resources. Using anthropological models and methods of analysis, this course will explore the fundamental relationship between people and their environment. We will compare and contrast different cultural perspectives within our own industrial society, as well as among hunters and gatherers and tribal agriculturalists in other societies.

**New Course – ANTH 341 Replaces ANTH 241**

Jean explained that the Department would like to introduce ANTH 341- Archaeology Field Methods: Applied Studies, which will replace ANTH 241. This should be dealt with as a new course and ANTH 241 should be deleted from the Calendar. There were significant changes to the course, which is an archaeology field study course. ANTH 240 has been offered occasionally in the spring semester. ANTH 240 would be in the winter offerings and students could go to ANTH 341 in the field for hands on work. ANTH 341 is 5 credits since the structure included in-classroom work of 15 hours of lectures and 15 hours of labs, as well as 60 hours of fieldwork. Because of the fieldwork, students would be unable to take other courses, therefore the course was assigned a 5-credit. No PLAR applies to this course, which would not be viable since students must be field experienced. Transfer credit exists in BCCAT transfer guide.

**Motion:**

**V. Cooke / P. Burkhart**

To approve the change of ANTH 241 be replaced with ANTH 341 for Calendar copy as presented.

**APPROVED**

Calendar Copy (page 203)

**~~ANTH 241~~**

**~~Archaeological Field Studies~~**

**6 credits**

**~~Delete entire course~~**

Calendar Copy (page 203)

**ANTH 341 (formerly ANTH 241):****5 credits****Archaeology Field Methods: Applied Studies**

Prerequisites: ANTH 240 and permission of the instructor

Corequisites: None

Anthropology 341 is an application of archaeological techniques of excavation and interpretation of archaeological materials, based on participation in field excavation of an archaeological site. The course emphasizes archaeological techniques in a field situation, which will likely involve camping at, or commuting to, an off-campus site. Part of the course involves the analysis of materials in a laboratory. ANTH 341 will normally be taught in the Spring semester to allow for fieldwork.

**New Course: MACS 490 - Directed Studies in Media and Communications Studies**

Jean explained that the Department would like to introduce a new directed studies MACS course, MACS 490 – Directed Studies in Media and Communications Studies. This course will enhance the upper level offerings for students, particularly MACS minors. It would parallel ANTH 490 and SOC 490, which are other directed reading courses. The maximum enrolment would be 2 –4 students per term. The implementation date is September 2002.

**Motion:****S. Flynn / P. Burkhart**

To approve the new course MACS 490 as presented.

**APPROVED**

Calendar Copy (page 265)

**MACS 490:****Directed Studies in Media and Communications Studies****4 credits**

Prerequisites: 45 credits, to include 9 credits of MACS or relevant SCMS, and written permission of the instructor and the department head.

Corequisites: None

Designed for upper-level students who wish to examine in greater depth a particular problem/issue in media and communication studies.

**Revisions to the Calendar Description and Course Outlines: MACS 221, 230**

Jean explained that the Department proposed to revise the course description and Official Course Outlines for MACS 221- Media and Audiences. The changes, which will be implemented in September 2002, are highlighted as follows:

**MACS 221 - Media and Audiences**

- Calendar description – the wording has been revised to more accurately reflect current focus.
- Hours per term – The hours have been changed from 60 to 45, to reflect UCFV practice for more than ten years. There will now be 30 hours lectures and 15 hours of seminars.
- Maximum enrolment – the enrolment has changed from 35 to 36 to reflect UCFV policies on class size.
- Learning objectives – This provides more detailed information on learning objectives/goals/learning objectives. (Refer to Exhibit #10 for details)
- Methods – The methods were changed to provide more detailed information on methods. (Refer to Exhibit #10 for details)

**Motion:****B. Cooke / V. Cooke**

To approve the course outline and calendar description changes for MACS 221 for Calendar copy as presented.

**APPROVED**

Calendar Copy (page 265)

**MACS 221:**

**Media and Audiences**

**3 credits**

Prerequisites: MACS 110 or MACS 130

Corequisites: None

Transferability: SFU, OU, TWU, UVic

This course provides an introduction to the field of cultural studies, particularly as it relates to contemporary popular culture. Writers in cultural studies endeavour to take a critical look at the mass media and their audiences. How do media and audiences affect each other, and how does this relationship make for a better or a worse society?

**MACS 230 - Introduction to Communication Media**

Jean noted that the following revisions to the calendar description and Official Course Outline for MACS 230, which will be implemented in September 2002, are highlighted as follows:

- Calendar description – The wording was revised to more accurately reflect current focus.
- Prerequisites – the prerequisites were updated from just MACS 130, to MACS 110 or MACS 130.
- Maximum enrolment – The enrolment has changed from 35 to 36 to reflect UCFV policies on class size.
- Learning objectives – The objectives were reworded to more accurately reflect current focus. (Refer to Exhibit #10 for details).
- Methods – the methods were changed to provide more detailed information on methods. (Refer to Exhibit #10 for details).
- Supplies / Material – This was changed to provide accurate information on supplies / materials. (Refer to Exhibit #10 for details).

**Motion:**

**B. Bolton / M. DeLadurantaye**

To approve the course outline and calendar description changes for MACS 230 as presented.

**APPROVED**

Calendar Copy (page 265)

**MACS 230:**

**Introduction to Communication Media**

**3 credits**

Prerequisites: **MACS 110 or** MACS 130

Corequisites: None

Transferability: SFU, OU, TWU, UVic

This course explores communications industries in Canada with an emphasis on film, music, and book publishing. It reviews the history, current state, and future of each of these three industries, including government interventions, technological challenges, the functions of key personnel, the production and promotion process, and significant works. Among the readings are personal narratives from people involved in film, music, and publishing in Canada.

**Revisions to the Calendar Description and Course Outlines: ANTH 101, and ANTH 130**

Jean noted the following revisions to the calendar description and Official Course Outline for ANTH 101. These will be implemented in September 2002 and details are contained in Exhibit #10:

**ANTH 101 – Human Origins**

- Calendar descriptions - The wording was revised to more accurately reflect current focus.
- Learning objectives – New objectives more clearly articulate what is expected of the student.
- Texts – Textbooks were updated to reflect course offerings.
- Student evaluations – The evaluations were updated to reflect current practice.

**Motion:**

**P. Burkhart / B. Bolton**

To approve the course outline and calendar description changes for ANTH 101 as presented.

**APPROVED**

Calendar Copy (page 202)

**ANTH 101:****Human Origins**

**3 credits**

Prerequisites: None

Corequisites: None

Transferability: UBC, SFU, UVic, OU, TWU

This course traces our physical and cultural evolution by looking at our animal past, at our primate relatives (the prosimians, monkeys, and apes), and especially at the fossils and tools our ancestors have left behind. You will be introduced to the basics of evolution and to some of the basic questions physical anthropologists consider: Are we just naked apes? Are humans innately aggressive? Are sex roles built in or learned? Are some races superior to others?

**ANTH 130 – World Religions**

Jean noted the following revisions to the calendar description and Official Course Outline for ANTH 130. These will be implemented in September 2002 and details are contained in Exhibit #10:

- Calendar descriptions – Minor wording change to more accurately reflect current focus.
- Hours per term: The hours were changed from 37 to 45 to reflect UCFV practice over the last 10 years.
- Learning objectives – The new objectives more clearly articulate the objectives.
- Texts – Textbooks were updated to reflect course offerings.
- Student evaluations – The evaluations were updated to reflect current practice.

It was decided that “formerly 230” should be deleted after the course number in the Calendar description section since this notation should only be the calendar for a 2-year period.

**Motion:**

**P. Burkhart / S. Flynn**

To approve the course outline and calendar description changes for ANTH 130 as presented.

**APPROVED**

Calendar Copy (page 202)

**ANTH 130 (formerly 230):****World Religions****3 credits**

Prerequisites: None

Corequisites: None

Transferability: UBC, SFU, UVic, OU, TWU, UNBC

An introduction to world religions beginning with the search for religion's essence (in ideas ranging from the Perennial Philosophy to the theories of Durkheim, Marx, Freud, and Jung) and continuing with an overview of indigenous religion (the Sto:lo, Hopi, and Tsembaga), and religions of the West (Judaism, Christianity, Islam), and the East (Hinduism, Buddhism, Sikhism). The course uses lectures, discussions, readings, and films to consider such questions as "What is religion?", "What does religion do for individuals?", and "What is religion's place in today's world?"

**3.1 Course Description Changes: VA 171, 172, 371, 372**

Don Murray noted that the Calendar course descriptions for VA 171, 172, 371, and 372 were revised. Within the context of approved course content, these course descriptions reflect the specialized skills and interests of the new instructor.

**VA 171 – Interdisciplinary Media I**

Don explained to the committee that the Calendar description for VA 171 was revised.

- Notes have been added.
- Due to space, the standard enrolment is 17.
- The hours include seminar and field experience.
- In this instance, Seminars are a combination of labs and lectures in the studio. It was decided that this should be reflected in Structure of Hours on PAC Form #2. Therefore, "Seminar" should be changed to "Seminar / Studio". This should be done for all the courses that Don brought before the committee. The implementation date for the Calendar copy is September 2002.

**Motion:****S. Flynn / B. Bolton**

To approve the structure hours and Calendar description changes for the Calendar copy for VA 171 as presented.

**APPROVED**

Calendar Copy (page 290)

**VA 171 (formerly FA 171):****Interdisciplinary Media I****3 credits**

Prerequisites: None

Transferability: UVic, UCC, OU, TWU, SFU, UBC

This course introduces students to analog video and audio production, performance, and time-based installation as they relate to visual art practice. These media often share common histories and interrelated studio practices. This course is designed to encourage interdisciplinary work. Course content is explored through student presentations, reading assignments, individual and collaborative projects, visual presentations of time-based work, and class critiques and discussions. The objective of this course is to provide students with hands-on production experience while familiarizing them with the various visual and textual discourses that surround these disciplines. Students begin to develop technical and conceptual skills for production and critical engagement.

**VA 172 – Interdisciplinary Media II**

Don explained that the course description for VA 172 had been changed. In this instance, Seminars are a combination of labs and lectures in the studio. It was decided that this should be reflected in Structure of Hours on PAC Form #2. Therefore, "Seminar" should be changed to "Seminar / Studio". This should be done for all the courses that Don brought before the committee.

The implementation date for the Calendar copy is September 2002.

**Motion:****B. Cooke / B. Salingré**

To approve the structure hours and Calendar description changes for the Calendar copy for VA 172 as presented.

**APPROVED**

Calendar Copy (page 290)

**VA 172 (formerly FA 172):****Interdisciplinary Media II****3 credits**

Prerequisites: VA 171, or permission of instructor

Transferability: UVic, UCC, OU, TWU

This course continues the multidisciplinary approach to art making developed in VA 171. In this course research and practice extend to areas within site-specific installation, public art, video and audio production as they relate to visual art practice. Course content is explored through student presentations, reading and writing assignments, individual and collaborative projects, visual presentations of time-based work, and class critiques and discussions. Students continue to develop technical and conceptual skills for production and critical engagement.

**VA 371 – Interdisciplinary Media III**

Don explained that the course description for VA 371 had been changed. In this instance, Seminars are a combination of labs and lectures in the studio. It was decided that this should be reflected in Structure of Hours on PAC Form #2. Therefore, "Seminar" should be changed to "Seminar / Studio". This should be done for all the courses that Don brought before the committee. The implementation date for the Calendar copy is September 2002.

**Motion:****V. Cooke / B. Salingré**

To approve the structure hours and Calendar description changes for the Calendar copy for VA 371 as presented.

**APPROVED**

Calendar Copy (page 291)

**VA 371 (formerly FA 371):  
Interdisciplinary Media III**

**3 credits**

Prerequisites: VA 172, or permission of instructor  
Transferability: OU, TWU, UBC

This course focuses on digital video and audio production as they relate to visual art practice. Course content is explored through student presentations, reading assignments, project proposals, assigned and independent projects, visual presentations of time-based work, and class critiques and discussions. The objective of this course is to provide students with advanced technical experience while they develop a material and conceptual language around time-based media and their own individual or collective practice.

**372 – Interdisciplinary Media IV**

Don explained that the course description for VA 372 had been changed. In this instance, Seminars are a combination of labs and lectures in the studio. It was decided that this should be reflected in Structure of Hours on PAC Form #2. Therefore, "Seminar" should be changed to "Seminar / Studio". This should be done for all the courses that Don brought before the committee. The implementation date for the Calendar copy is September 2002. It was noted that in the Learning Objectives (page 2 of Exhibit #15), "VAA 271" should be changed to "VA 371". This should also be changed in the Course Content (page 3 of Exhibit #15).

**Motion:**

**P. Burkhart / B. Salingré**

To approve the structure hours and Calendar description changes for the Calendar copy for VA 372 as presented.

**APPROVED**

Calendar Copy (page 291)

**VA 372 (formerly FA 372):  
Interdisciplinary Media IV**

**3 credits**

Prerequisites: VA 371, or permission of instructor  
Transferability: OU, TWU, UBC

This senior studio course is designed to allow for independent research and material development. Students meet independently with the instructor and weekly group meetings facilitate class critiques, discussions and presentations. Course content is explored through student presentations, theoretical research, project proposals, independent projects and artist statements. Students develop professional presentation skills, advanced material and conceptual studio practice, and critical writing around that practice.

**Course Number Changes: VA 493, 495, 497, 498, 499**

Don Murray explained that:

- The VA 400 level courses were being split into two, one for the Fall Semester and one for the Winter Semester.
- The course numbering change will allow a student to repeat an Independent Study course in a specific studio area for credit. It also brings the VA 400's into line with the 100 and 300 level numbering system.
- A note will be added on Page 291 of the current Calendar under Independent Study that



"Students can apply a maximum of 3 credits of Independent Study as upper-level credits toward the Visual Arts minor and extended minor". This is because the Department wishes to ensure breadth of focus within the degrees.

- The nature of the course or course content are not being changed.
- The implementation date for all the changes is September 2002.

During the discussion, it was decided that:

- Instead of the Structure of Hours being categorized under "Seminar" (PAC Form #2), it should be listed under "Student Directed Learning". This should be done for all the 400 level courses.
- Under Synonymous Course(s) on PAC Form #2, after the course numbers, insert "and cannot take for further credit". This should be done for all the VA 400 level courses – since credit cannot be given for an existing 400 level course as well as the split courses, that is:
  - VA 493 (VA 421, VA 422)
  - VA 495 (VA 451, VA 452)
  - VA 497 (VA 483, VA 484)
  - VA 499 (VA 431, VA 432)
  - VA 498 (VA 471, VA 472)
- Elaine Harris suggested that, in addition to the preamble that Don will be listing, that the prerequisites should also indicate permission of the department head based portfolio review. This should be indicated under Independent Study on page 291 of the Calendar.
- It was noted that course descriptions were given on PAC Form #2, however this was for information only and is not to be included in the Calendar copy.

**Motion:**

**M. DeLadurantaye / B. Cooke**

To approve the splitting of the existing VA 400 level courses to allow for Fall and Winter Semesters as presented.

**APPROVED**

Calendar Copy (page 291)

### **Independent Study**

In courses of individual study in various media under the direction of faculty, students have the opportunity to pursue studies of particular interest according to their chosen area(s) of concentration.

**Note:** Students can apply a maximum of 3 credits of Independent Study as upper-level credits toward the Visual Arts minor and extended minor.

**Prerequisites:** Permission of program head and instructors based on portfolio review.

|   |                  |
|---|------------------|
| VA 421 (formerly VA 493): Independent Study (Painting)                | <b>3 credits</b> |
| VA 422 (formerly VA 493): Independent Study (Painting)                | <b>3 credits</b> |
| VA 431 (formerly VA 499): Independent Study (Sculpture)               | <b>3 credits</b> |
| VA 432 (formerly VA 499): Independent Study (Sculpture)               | <b>3 credits</b> |
| VA 451 (formerly VA 495): Independent Study (Print Media)             | <b>3 credits</b> |
| VA 452 (formerly VA 495): Independent Study (Print Media)             | <b>3 credits</b> |
| VA 471 (formerly VA 498): Independent Study (Interdisciplinary Media) | <b>3 credits</b> |
| VA 472 (formerly VA 498): Independent Study (Interdisciplinary Media) | <b>3 credits</b> |
| VA 483 (formerly VA 497): Independent Study (Photography)             | <b>3 credits</b> |
| VA 484 (formerly VA 497): Independent Study (Photography)             | <b>3 credits</b> |

It was decided that a prerequisite notation should be made on Page 73 of the Calendar under extended minor and minor requirements, pointing out to students that "permission of the program head and instructors based on portfolio review" is the prerequisite for the courses.

**Motion:****B. Cooke / V. Cooke**

To approve the inclusion of the prerequisite note for the VA extended minor and minor requirements as presented.

**APPROVED**

Calendar Copy (page 73)

**Visual Arts extended minor requirements****Note:** In order to be eligible .....**Note:** The prerequisite for Visual Arts Independent Study is permission of program head and instructors based on portfolio review.

Calendar Copy (page 73)

**Visual Arts minor requirements****Note:** In order to be eligible .....**Note:** The prerequisite for Visual Arts Independent Study is permission of program head and instructors based on portfolio review.**3.2 PAC Requested Resubmission to the Changes to ECCO Program**

Vicki Grieve stated that the format, which was presented at the last PAC meeting, was confusing. Therefore, she and Bonnie Hamilton have revised the submission. The major revision is that Workplace TASK has been re-cast as a C.E. type certificate program of over 150 hours duration, thereby giving students the opportunity to earn a UCFV certificate and a permanent transcript. In addition, admission criteria to the program have been changed in response to the PAC's suggestions. It should also be noted that these changes have not altered the educational intent or curricular content of the program. Also, note that the program will be funded through CCP Department base budget allocation. This is not a cost-recovery program.

**Motion:****B. Cooke / B. Bolton**

To approve the revised outline for the Workplace T.A.S.K. certificate program as presented.

**APPROVED**

Calendar Copy (page 96)

## Workplace T.A.S.K. Certificate program

### Training in Attitudes, Skills and Knowledge for the Workplace (Workplace TASK)

This eight-month program offers students with disabilities the opportunity to gain self-management and employment skills and to develop realistic career objectives in their chosen field while in the classroom. Students will also participate in a series of industry standard employability workshops such as WHMIS, Food Safe, SuperHost, etc. Students will learn basic computer skills, including e-mail and Internet. In addition, students will gain on-the-job experience while on community-based work placements. The goals of the program are to provide the employability skills and experience necessary for students to find employment or gain access to further training at UCFV or elsewhere.

### Entrance requirements

- History of a disability (possible documentation: special education in high school, previous institutional living / other)
- Successful interview with UCFV instructor to determine basic suitability for employment
- Evidence of essential independent self-management skills (eg, ability to access public transport safely or to make other transportation arrangements)
- Two references supplied by applicant

### How to apply

Contact Bonnie Hamilton at (604) 820-6011 (e-mail: [hamiltonb@ucfv.bc.ca](mailto:hamiltonb@ucfv.bc.ca)) or Corry Jensen at (604) 864-4649 (e-mail: [jensenc@ucfv.bc.ca](mailto:jensenc@ucfv.bc.ca)) for more information or to arrange an interview. See entrance requirements above. All students applying for the program will be interviewed on a first-come, first-served basis.

### Fees and additional costs

As a workplace literacy program at the fundamental level, at present there are no tuition fees for Workplace TASK. However, some modules include employability workshops such as First Aid, SuperHost, WHMIS, Infectious Diseases, Food Safe. Students are required to pay workshop fees, which will total approximately \$225.00. Students may access funds for the workshops through the Adult Basic Education Student Assistance Program (ABESAP). Students will also require a Double 2H disk for the computer class and printer card for the computer lab each semester.

### Location

The program is offered in Mission at Heritage Park and in Abbotsford.

### Program outline

The program consists of ten modules offered over two 17-week Semesters (Fall and Winter). Students attend classes 3 days a week for approximately 6 hours per day. Modules 01 to 05 are offered in the Fall Semester. Modules 06 to 10 are offered in the Winter Semester.

### Module topics:

### Fall Semester

| Course  | Title              | Credits |
|---------|--------------------|---------|
| TASK 01 | Self Assessment    | 0       |
| TASK 02 | Career Exploration | 0       |

|   |                            |   |
|---|----------------------------|---|
| TASK 03   | Personal Management Skills | 0 |
| TASK 04   | Daily Survival Skills      | 0 |
| TASK 05   | Computer Basics I          | 0 |
| <b>Course</b>   | <b>Title</b>               |   |
| TASK 06   | Employment Readiness       | 0 |
| TASK 07   | Interview Skills           | 0 |
| TASK 08   | Work Experience            | 0 |
| TASK 09   | Retaining Employment       | 0 |
| TASK 10   | Computer Basics II         | 0 |
| <b>Evaluations</b>  |                            |   |
| Students must participate in all ten modules and successfully complete a work experience placement in order to receive a University College of the Fraser Valley Certificate. |                            |   |

Calendar Copy (page 289)

|  |                  |
|--|------------------|
| <b>TASK 01 (formerly ECCO):</b>  |                  |
| <b>Self Assessment</b>   | <b>0 credits</b> |
| Prerequisites: Admission to the TASK Program   |                  |
| Corequisites: Admission to the TASK Program  |                  |
| This module provides students the opportunity to define their strengths and abilities in preparation for selecting realistic career options. |                  |

Calendar Copy (page 289)

|   |                  |
|---|------------------|
| <b>TASK 02 (formerly ECCO):</b>   |                  |
| <b>Career Exploration</b>   | <b>0 credits</b> |
| Prerequisites: Admission to the TASK Program  |                  |
| Corequisites: Admission to the TASK Program   |                  |
| Students will compare vocational career, and choose appropriate entry-level work opportunities. |                  |

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|  |                  |
|--|------------------|
| <b>TASK 03 (formerly ECCO):</b>  |                  |
| <b>Personal Management Skills</b>  | <b>0 credits</b> |
| Prerequisites: Admission to the TASK Program   |                  |
| Co requisites: Admission to the TASK Program   |                  |
| This module covers all aspects of effective communication including appropriate assertive behaviour. |                  |

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**TASK 04 (formerly ECCO):****Daily Survival Skills****0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module covers all facets of daily living related to: budgeting, banking, identifying pay cheques and pay stubs and analysing personal rights and duties.

Calendar Copy (page 289)

**TASK 05 (formerly ECCO):****Computer Basics I****0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module offered throughout the program introduces students to the world of computers, including the world wide web and e-mail.

Calendar Copy (page 289)

**TASK 06 (formerly ECCO):****Employment Readiness****0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module will focus on identifying and locating job openings, as well as covering all other aspects of job search and job maintenance skills.

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**TASK 07 (formerly ECCO):****Interview Skills****0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module covers all aspects of preparing appropriately for effective interviews.

Calendar Copy (page 289)

**TASK 08 (formerly ECCO):****Work Experience****0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This four-week work experience will provide students with the opportunity to demonstrate appropriate work attitudes on the job, and demonstrate the work skills and knowledge acquired in the classroom.

Calendar Copy (page 289)

**TASK 09 (formerly ECCO):**

**Retaining Employment**

**0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module will cover job retaining skills and their importance in the working world.

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**TASK 10 (formerly ECCO):**

**Computer Basics II**

**0 credits**

Prerequisites: Admission to the TASK Program

Corequisites: Admission to the TASK Program

This module will focus on reinforcement and practice of basic computer skills developed in Computer Basics I.

The PAC noted that there is an evaluation criteria for each course listed. Since this information is not printed anywhere in the Calendar, it was recommended that the philosophy of the evaluation should be included in the brochure which will be used for promoting the program.

**Action:** V. Grieve / B. Hamilton

**Motion:**

B. Cooke / B. Salingré

To approve that the course outline and evaluation philosophy in the TASK program promotional brochure.

**APPROVED**

**3.3 Prerequisite Changes: ADED 350, 370, 380, 200, 446, 390, 405, 410, 430, 480**

Andrea Kastner proposed several changes to course prerequisites and change to a course number. The prerequisites for ADED 350, 370 and 380 are being changed. The changes fall into two different categories: - Increasing access by reducing number of prerequisites, or adding more prerequisite choices.

The reason for this is that experience has shown that students gain the analytic tools necessary for successful completion of these courses through a wider variety of courses than was originally anticipated. Recommended for implementation in September 2002.

**ADED 350 - Storytelling**

The revised prerequisite is, "Admission to Program & ADED 310 or 360 or 320".

**ADED 370 - GIS**

The revised prerequisite is, "Nine UCFV Adult Education credits **and** permission of the course Coordinator".

**ADED 380 – Instructional Technologies**

The prerequisite is "One of ADED 310, 320, 360.

**Motion:**

B. Salingré / S. Flynn

To approve the number of revised prerequisites for ADED 350, 370, 380 as presented.

**APPROVED**

Calendar Copy (page 198)

**ADED 350:**

**Storytelling and the Reflective Practitioner**

**3 credits**

Prerequisites: Admission to Program & ADED 310 or 360 or 320

Calendar Copy (page 198)

**ADED 370:**

**Guided Independent Study**

**3 credits**

Prerequisites: Nine UCFV Adult Education credits and permission of the course Coordinator

Calendar Copy (page 198)

**ADED 380:**

**Instructional Technologies**

**3 credits**

Prerequisites: One of ADED 310, 320, 360

**ADED 200, 446, 340, 390, 405, 410, 430, 480**

Andrea Kastner noted that the Department proposed to add to the number of credits required to gain access to courses, ADED 200, 446, 340, 390, 405, 410, 430, 480. The reason for this is:

- The changes provide more guidance to students in their course selection, removing demonstrable difficulties encountered with original prerequisites.
- The changes are intended to signal more explicitly the Department's expectations regarding the level of academic skill required for successful completion, as well as recommended course sequence.
- The courses are now a bit more structured.
- Courses run twice or at least three times a year

The courses were discussed individually.

**ADED 200**

There was a discussion about the prerequisite. The prerequisite for ADED 200 was reworded and rearranged by the PAC to read, "A minimum CPT score of 48, or any first year ENGL, or ENGL 081 or 091 with a minimum grade of C+ or first year communications with a minimum grade of C and ADED 310 or ADED 320 or instructor's permission.

Recommended for 2002 and required for 2003".

**Motion:**

**P. Burkhart / B. Cooke**

To approve the prerequisite changes to ADED 200 as presented.

**APPROVED**

Calendar Copy (page 197)

**ADED 200:****Portfolio Development for Prior Learning Assessment****3 credits**

Prerequisites: A minimum CPT score of 48, or any first year ENGL, or ENGL 081 or 091 with a minimum grade of C+ or first year communications with a minimum grade of C and ADED 310 or ADED 320 or instructor's permission. Recommended for 2002 and required for 2003.

**Course Number Change: ADED 336 to 446**

ADED 336 was renumbered to ADED 446. The reason for this change is to remove demonstrable difficulties with the original prerequisites – experience in several versions of this course indicates the need for greater theoretical background in the sociology of Adult Education as provided in ADED 410. The prerequisite was revised to “ADED 410 and 3 other UCFV ADED Credits”.

It was noted that ADED 336 should be listed under Synonymous Courses in the Course Outline, as well as “cannot take 366 for future credit”. The hours in ADED 446 are 45 and not 39. Lectures are 15 hours, while Seminars are 30.

**Motion:****P. Burkhart / B. Salingré**

To approve the course outline changes, the prerequisites, and the renumbering of ADED 336 to ADED 446 as presented.

**APPROVED**

Calendar Copy (page 197)

**ADED 336 446 (formerly ADED 336):****3 credits****Popular Education**

Prerequisites: ADED 410 and 3 other UCFV ADED Credits

**ADED 340**

Andrea Kastner noted that the prerequisite for ADED 340 had been revised to include ADED 320. PLAR is “yes”. Methods of Obtaining PLAR would be Course challenge or Portfolio assessment.

Implementation date: Recommended for Fall 2002

**Motion:****B. Salingré / B. Cooke**

To approve the prerequisite to ADED 340 to include ADED 320.

**APPROVED**

Calendar Copy (page 198)

**ADED 340:****3 credits****Program Planning and Evaluation**

Prerequisites: Any two of ADED 310, ADED 320, or ADED 360

**ADED 345**



There was no change to ADED 345 except in the renumbering of the CMNS "225" to "250" in the prerequisite. There was therefore no need to vote on this item.

Calendar Copy (page 198)

|   |                  |
|---|------------------|
| <b>ADED 345:</b><br><b>Instructional Skills for Professionals</b><br>Prerequisites: (CMNS 125 and <del>225</del> 250) or ENGL 105 and one of ENGL 110 to 150) or<br>CMNS 155 and <del>225</del> 250 | <b>3 credits</b> |
|---|------------------|

#### **ADED 370 – Guided Independent Study**

Because of course renumbering, the prerequisite for ADED 370 is automatically changing. There was therefore no need to vote on this item. Delete "ADED 310" and "additional" from the prerequisite and begin the prerequisite with "Nine UCFV ....". In the retyped Calendar Description on PAC Form #2, change "yuour areas of interest" to "your areas of interest".

Calendar Copy (page 198)

|   |                  |
|---|------------------|
| <b>ADED 370:</b><br><b>Guided Independent Study</b><br>Prerequisites: <del>ADED 310</del> and <b>Nine UCFV</b> Adult Education credits and permission of<br>the course Coordinator. | <b>3 credits</b> |
|---|------------------|

#### **ADED 390 – Seminar in Selecting, Evaluating and Using Adult Education Research**

In the Course Outline, change the hours from "39-42" hours to "45" hours and the Laboratory from "39-42" hours to "45" hours for ADED 390. The prerequisite was changed to "Nine UCFV ADED credits".

Recommended for Fall 2002, required for Fall 2003.

**Motion:**

**P. Burkhart / S. Flynn**

To approve the Calendar copy prerequisite and course outline changes to ADED 390 as presented.

**APPROVED**

Calendar Copy (page198 )

|  |                  |
|--|------------------|
| <b>ADED 390:</b><br><b>Seminar in Selecting, Evaluating and Using Adult Education Research</b><br>Prerequisites: <b>Nine UCFV ADED credits</b> | <b>3 credits</b> |
|--|------------------|

#### **ADED 405 – Honouring Human Diversity in Adult Education Contexts**

The prerequisites for ADED 405 was revised to, "Admission to ADED program and 15 ADED upper-level credits". PLAR is yes. The total hours per term should be revised from "39" to "45", while the Seminar house should be "15" instead of "13" and the Laboratory hours "30" instead of "26". The Maximum enrolment is "25".

Recommended for Fall 2002, required for Fall 2003.

**Motion:**

**B. Salingré / B. Bolton**

To approve the prerequisite and course outline revisions for Calendar copy as presented with the amendment of the enrolment number.

**APPROVED**

Calendar Copy (page 198)

|  |                  |
|--|------------------|
| <b>ADED 405:</b><br><b>Honouring Human Diversity in Adult Education Contexts</b><br>Prerequisites: Admission to ADED program and 15 ADED upper-level credits | <b>3 credits</b> |
|--|------------------|

**ADED 410 – Adult Education and Social Change**

SOC 333 is being added to the list of prerequisites. The prerequisite was revised to, “Six credits of ADED, or SOC 333, and three upper-level ADED credits”.

Recommended for Fall 2002, required for Fall 2003.

**Motion:**

**B. Cooke / M. DeLadurantaye**

To approve the prerequisite Calendar copy change to ADED 410 as presented.

**APPROVED**

Calendar Copy (page 198)

|  |                  |
|--|------------------|
| <b>ADED 410:</b><br><b>Adult Education and Social Change</b><br>Prerequisites: Six credits of ADED, or SOC 333, and three upper-level ADED credits | <b>3 credits</b> |
|--|------------------|

**ADED 430 – Administration of Adult Education**

The prerequisites for ADED 430 was changed to, “Nine UCFV ADED credits”. The Total Hours Per Term is “45”. PLAR is yes. On Page 2 of the Methods, change “lecturellets” to “mini-lectures”.

Recommended for Fall 2002, required for Fall 2003.

**Motion:**

**B. Cooke / M. DeLadurantaye**

To approve the prerequisite Calendar copy change to ADED 430 as presented.

**APPROVED**

Calendar Copy (page 198)

|   |                  |
|---|------------------|
| <b>ADED 430:</b><br><b>Administration of Adult Education</b><br>Prerequisites: Nine UCFV ADED credits | <b>3 credits</b> |
|---|------------------|

**ADED 480 – Seminar in Adult Education Issues**

The prerequisite for ADED 450 was changed to, “Nine upper-level ADED credits”.

Recommended for Fall 2002, required for Fall 2003.

**Motion:**

**B. Salingré / S. Flynn**

To approve the prerequisite Calendar copy change to ADED 480 as presented.

**APPROVED**

Calendar Copy (page 199)

**ADED 480:**

**Seminar in Adult Education Issues**

**3 credits**

Prerequisites: **Nine upper-level ADED credits**

### **3.4 Engineering Course Revisions: ENGR 113, 122, 151, 152**

Peter Mulhern brought a number of modifications to Engineering and Physics courses to the PAC. He provided a detailed memorandum to the PAC, outlining the proposed changes. These were also discussed in alphabetical order. It was noted that as part of the requested review of course outlines, several courses are listed below that need minor revisions. There are minor title and pre-requisite changes on several of these courses, but no substantive change of course content. Additionally, the contact hours have been revised from the old 15-week to term to the current 13-week term and texts and occasionally detailed weekly schedules are updated. All the courses that meet 2.5 blocks per week are listed as 42 contact hours per term, courses that meet 2 blocks per week are listed as 35 hours per term. Plus, PLAR information is added to all courses. Anne Russell had also suggested a few grammar modifications to the calendar copy.

#### **ENGR113 – Engineering Physics – Statics & Dynamics**

Peter Mulhern noted that:

- The text for ENGR 113 was being updated.
- There were no substantive changes – the course is being included just to keep all the engineering courses updated.
- The hours are now based on contact hours – 90.
- The enrolment increased from 24 to a maximum of 36 students.

#### **Motion:**

**V. Cooke / S. Flynn**

To approve the changes to the course outline for ENGR 113 as presented.

**APPROVED**

#### **ENGR 122 – Introduction to Engineering**

Peter Mulhern noted that the prerequisites have been changed for ENGR 122 and ENGR 151. PHYS 11 is now a pre-or co-requisite for these courses. This is in keeping with the ENGR 151 being dovetailed to the Physics material, and some of the background is useful to the students in the ENGR 122 tours.

There are some notable changes for ENGR 122:

- Credits corrected (the course originally was listed as 3 credits, not 1)
- Calendar description shortened by a few words - "The objective of this course is to expose ..." to "This course exposes . . ."
- Co-requisites changed from "None" to "PHYS 111 as a pre or co-requisite"
- Hours have been altered to reflect current course content
- Course maximum has been increased
- PLAR section added
- Student evaluations have been changed so now they are required to keep a logbook of visits and speakers
- List of speakers and organizations has been updated.

Recommended for 2002, implementation date 2003

**Motion:**

V. Cooke / S. Flynn

To approve the course outline and Calendar copy changes for ENGR 122 as presented.

**APPROVED**

Calendar Copy (page 233)

**ENGR 122 (formerly PHYS 122):****Introduction to Engineering****1 credits**Pre-or Corequisites: **PHYS 111**

The objective of this course is to expose **This course exposes** students to a wide range of engineering practices, with a view to helping them identify their interests. The course meets .....

**ENGR 151 – Computer-Aided Engineering Graphics**

Peter Mulhern pointed out that:

- As noted above in the introduction to ENGR 122 and ENGR 151, there were notable pre-requisite changes to ENGR 151. The prerequisites were toughened. The prerequisite is now "Familiarity with Windows-based systems", while the pre-or corequisite is Physics 11.
- Calendar entry is modified to include the words "and emphasizes engineering practices." at the end of the last sentence of the calendar description
- The hours were corrected.
- Texts updated.
- An updated course outline is included

Recommended to Fall 2002.

**Motion:**

B. Salingré / M. DeLadurantaye

To approve the course outline, the Calendar description and the prerequisite changes for ENGR 151 as presented.

**APPROVED**

Calendar Copy (page 233)

**ENGR 151:****Computer-Aided Engineering Graphics****4 credits**Prerequisites: **Familiarity with Windows-based systems**Pre- or corequisites: **PHYS 111**

This course ~~will cover~~ **covers** technical sketching, orthographic projection, visualization in three dimensions, and conventions of engineering drawing. **Microcomputer-based graphics (CADD)** will be introduced. The principles of descriptive geometry will be applied to the solution of space problems. This course is designed for students intending to transfer to Engineering at UBC ~~and~~ **or** UVic **and emphasizes engineering practices.**

**ENGR 152 – Linear Algebra for Engineering**

Peter Mulhern explained that ENGR 152 is cross-listed as MATH 152 and is identical to MATH 152 - which was changed at PAC two weeks ago. The calendar description also has "This course is cross-listed as MATH 152".

**Motion:****B. Cooke / B. Bolton**

To approve the course description change for ENGR 152 as presented for Calendar copy.

**APPROVED**

Calendar Copy (page 233)

**ENGR 152:****Linear Algebra for Engineering****4 credits**

Pre- or Corequisite: MATH 112

Transferability: UBC, OU, UVic, UNBC

This course covers the solutions to linear systems of equations, vector spaces, applications to 2D and 3D geometry, linear dependence and independence, matrix algebra, determinants, orthogonal transformations and bases, application to Fourier series, eigenvalues, diagonalization, symmetric matrices, the algebra of complex numbers, the differential equations of vibrational models and linear systems of differential equations. This course is designed for students seeking a career in engineering; students intending on a BSc or BA degree are recommended to take MATH 221 instead of ENGR / MATH 152.

**Note:** UCFV math degrees require MATH 221, not MATH 152. Credit cannot be obtained for both MATH 152 and ENGR 152. This course is also listed as MATH 152.

**Physics Course Revisions: PHYS 103, PHYS 104**

Peter Mulhern noted that PHYS 102 and 104 are two astronomy courses with minor revisions. The pre-requisites are being altered to require a basic Mathematical ability.

Implementation date: 2003

**PHYS 103 – Astronomy: The Solar System**

Peter Mulhern noted that in PHYS 103, the:

- Prerequisite changed from "None" to "Principles of Math 11, or Applications of MATH 11 with at least a C"
- Hours were corrected

**Motion:****B. Burkhart / V. Cooke**

To approve the prerequisite change to PHYS 103 as presented for Calendar copy.

**APPROVED**

Calendar Copy (page 270)

**PHYS 103:****Astronomy: The Solar System****4 credits**

Prerequisite: Principles of MATH 11, or Applications of MATH 11 with at least a C

An introductory course in astronomy focusing on the solar system. Topics include a brief history of astronomy, Newton's laws, gravity, orbits, eclipses, and seasons. It includes a discussion of the nature of light and other electromagnetic radiation, relativity and quantum theory, and a description of modern astronomical instruments. The second half of the course describes the geology, geography, and climates of the nine planets in the solar system, along with their moons and the asteroids. The origin of the solar system is discussed.

**PHYS 104 – Astronomy: The Cosmos**

Peter Mulhern noted that the following were updated for PHYS 104:

- Calendar description change – from “stars and galaxies” changed to, “stars, galaxies”
- Prerequisite changed from "None" to "Principles of MATH 11, or at least a C in Applications of MATH 11"; "Physics 103 preferred" dropped from pre-requisite list
- Hours corrected

**Motion:****V. Cooke / B. Burkhart**

To approve the calendar description, course outline, and prerequisite change as presented for Calendar copy.

**APPROVED**

Calendar Copy (page 270)

**PHYS 104:****Astronomy: The Cosmos****4 credits**Prerequisites: **Principles of MATH 11, or at least a C in Applications of MATH 11**

An **This** introductory course in astronomy ~~focusing~~ **focuses** on the stars and universe. Topics include properties of ~~stars and galaxies~~ **stars, galaxies**, life cycle of a star, modern theories in astronomy, and origin and evolution of the universe. Students will ...

**Name Change: PHYS 252 – Introduction to Twentieth Century Physics: Special Relativity & Quantum Physics**

Peter Mulhern noted that the title, slight calendar description copy, and the prerequisites have been changed for PHYS 252, as follows:

- Title updated from "Relativity and Modern Physics" to " Introduction to Twentieth Century Physics: Special Relativity and Quantum Physics" to make it more accurate
- First line in calendar description removed. "This course is intended for students who plan to complete a minor in physics and/or chemistry." The description has been reworded.
- Prerequisites changed from "Pre requisites of MATH 221 or MATH 152 and pre or corequisites of MATH 112 and PHYS 112" to just "PHYS 221 as a pre-or co requisite"
- hours corrected
- updated the text and the references

**Motion:****B. Cooke / B. Salingré**

To approve the title, calendar description and prerequisite changes for PHYS 252 as presented for Calendar copy.

**APPROVED**

Calendar Copy (page 271)

**PHYS 252:**

**Relativity and Modern Physics Introduction to Twentieth Century Physics:  
Special Relativity and Quantum Physics**

**3 credits**

Pre-or corequisites: **PHYS 221**

This is an introductory course in Einstein's theory of Special Relativity and Quantum Physics. The course will use qualitative discussions of the two theories along with the development of the more formal mathematics needed to acquire a deeper understanding of the theories. The topics in the Theory of Special Relativity include: problems which occurred in the "old physics", Lorentz transformations, geometrical interpretations of the Lorentz transformations, dynamics, conservation laws, and the so-called paradoxes of relativity. The topics in Quantum Physics include: the difficulties arising from the "old physics", short discussion of the first quantum theories (old quantum mechanics), Schrodinger's wave equation, simple time independent solutions for Schrodinger's equation, and applications of quantum physics to atoms and nuclei.

**PHYS 332, 342, 462, 472**

Peter Mulhern's memo noted that the following four courses, PHYS 332, 342, 462, 472, are the upper level electronics lecture and lab courses. The Analog electronics courses are now specified as such, rather than just "Electronics" and the Digital Electronics has been modified so the Analog course is no longer a pre-requisite. Also, since these are rapidly changing fields, some of the description of the content has been altered to accommodate newer technologies, though the intent and level of the course is essentially the same.

**PHYS 332 and PHYS 342**

**PHYS 332**

The following are the changes to PSYC 332 as outlined by Peter Mulhern:

- Title changed from "Electronics" to "Analog Electronics"
- Calendar description is shortened by deleting the last sentence, "A major emphasis will be placed on using the provided computers to model the circuits and the circuit devices studied in this course. Access to a home, IBM compatible computer, will assist the student in doing many of the problems and experiments." The rest of the description has been reworded.
- Hours corrected
- Text updated

**PHYS 342**

Peter Mulhern noted the following changes to PHYS 342:

- Title changed from "Electronics Laboratory" to "Analog Electronics Laboratory"
- Hours corrected
- The calendar description has been reworded

**Motion:**

**B. Salingré / B. Bolton**

To approve the title and calendar description changes to PHYS 332 and 342 as presented for Calendar copy.

**APPROVED**

Calendar Copy (page 271)

**PHYS 332:**

**Electronics Analog Electronics**

**3 credits**

Prerequisites: PHYS 222

Pre- or corequisites: PHYS 342

PHYS 332 is an introductory electronic principles and circuit analysis course. This course will cover the following topics: analysis of DC and AC circuits, diodes, bipolar transistors, field effect transistors, transistor amplifiers, operational amplifiers, and power supplies. Students enrolling in this course must also take the accompanying lab course, PHYS 342, in the same semester.

Calendar Copy (page 271)

**PHYS 342:**

**Electronics Laboratory Analog Electronics Laboratory**

**3 credits**

Prerequisites: PHYS 222

Pre- or corequisites: PHYS 332

PHYS 342 is the laboratory portion of PHYS 332. Students enrolling in PHYS 342 must in the same semester enrol in PHYS 332. This course will introduce and provide the students with experience and practice in wiring and designing circuits, how passive and active circuit devices are used in circuits, and how to check the circuits by employing the electronic measuring and test equipment used in modern laboratories. The lab computers will be used to check how the actual circuits function in comparison with the computer simulated circuits

**PHYS 462 and PHYS 472**

Peter Mulhern explained that there were prerequisite and minor calendar changes to PHYS 462 and 472.

**PHYS 462 - Digital Electronics and Computer Interfacing**

The following are the changes to PHYS 462 that Peter outlined:

- Part of the calendar description updated
- Prerequisites softened from Analog Electronics, PHYS 332, to PHYS 222
- Hours corrected
- Text updated
- Course outline updated

Implementation date: 2002

**PHYS 472 – Digital Electronics Laboratory**

Peter outlined the following changes to PHYS 472:

- Calendar description updated
- Pre-requisites softened from Analog Electronics, PHYS 332, to PHYS 222.
- Hours updated – from 39 to 45
- Course outline updated

**Motion:**

**B. Bolton / B. Cooke**

To approve the Calendar copy changes to PHYS 462 and PHYS 472 as presented.

**APPROVED**



## Calendar Copy (page 272)

**PHYS 462:****Digital Electronics and Computer Interfacing****3 credits**Prerequisites: **PHYS 222**

Pre- or corequisites: PHYS 472

This course emphasizes elementary digital electronics and interfaces. Topics include: •gates and Boolean algebra, Karnaugh maps, flip flops, registers, counters and memories, •digital components, microprocessor functions and architecture, instruction sets, •D/A and A/D converters, and waveshaping. PHYS 472, the laboratory portion of this course must be taken concurrently. This course is designed to provide practical experience with the basic digital logic chips and how digital circuits can be interfaced with microprocessors.

## Calendar Copy (page 272)

**PHYS 472:****Digital Electronics Laboratory****3 credits**Prerequisites: **Phys 222**

Pre-or corequisites: Phys 462

Physics 472 is the laboratory portion of the digital electronics course, Physics 462. The experiments done in this course are designed to provide students with practical experience using, testing, and designing digital logic circuits. The experiments are closely related to the material covered in the classroom. This course emphasizes design and assembly of circuits with discrete gates, interfacing these circuits directly to microprocessors, and using industrial production tools for practical applications.

**PHYS 381 (Mathematical Physics) and MATH 381**

Peter Mulhern explained that PHYS 381 and MATH 381 are on the physics/math boundary.

- The official pre-requisites of this course must be modified because they refer to a non-existent course. (The calendar description does not agree with the official outline.) The pre-requisites are also being changed to allow students without a Physics background to enter the course. The credit value is also being increased. This course is co-listed with Math 381.
- The "Official" pre-requisites are still: PHYS 112, MATH 211, MATH 310 or PHYS 112, PHYS 221, MATH 211 with MATH 310 as a co-requisite. (Note, MATH 310 no longer exists.). The Calendar has "PHYS 112, MATH 211, MATH 255) or (PHYS 112, PHYS 221, MATH 211 with MATH 310 as a co-requisite. MATH 381, which is a cross-listed course and has different pre-requisites again. Peter was proposing that the prerequisite be "MATH 211, one of PHYS 221 or MATH 255, and one of PHYS 112 or any second year MATH course". This new route allows students in without a Physics background, but keeps the route for Physics students the same.
- The hours are modified
- The calendar description has been slightly reworded

Implementation is Winter 2002

**Motion:****P. Burkhart / M. DeLadurantye**

To approve the course outline, prerequisite and calendar description changes for PHYS 381 for Calendar copy.

**APPROVED**

Calendar Copy (page 272)

**PHYS 381:**

**Mathematical Physics**

**3 credits**

Developed in partnership with Simon Fraser University

Prerequisites: MATH 211, one of PHYS 221 or MATH 255, and one of PHYS 112 or any second year Math course

The object of this course is to give students a wide arsenal of mathematical techniques, tools and tricks to increase their ability in setting up and solving problems from scratch.

This course will give students a wide arsenal of mathematical techniques and tools to increase their ability in setting up and solving problems. The solution of partial differential equations with applications to many areas of physics is the biggest single theme of the course. Also included will be special functions, calculus of variations and integral equations.

**Note:** Credit cannot be obtained for more than one of MATH 381, PHYS 381, or ENGR 257.

**Note:** Students may obtain credit for either MATH 381 or PHYS 381, but not both. This course is cross-listed as MATH 381.

**New Physics Course: PHYS 481 – Advanced Mathematical Methods of Physics**

Peter Mulhern noted that PHYS 481 is a follow up to PHYS 381. The array of techniques needed to solve the variety of problems in modern physics are far too broad to be covered in just the PHYS381 course, so this course has been added to probe additional techniques that will be useful to students planning on either graduate studies or professional research. The enrolment is 35. It was decided that the Student Evaluation must be laid out in the same format as for PHYS 381. Peter will change this.

**Action: P. Mulhern**

Implementation date: Fall 2002

**Motion:**

**B. Salingré / B. Cooke**

To approve the Calendar copy for the new PHYS 481 course as presented.

**APPROVED**

Calendar Copy (page 272)

**PHYS 481:**

**Advanced Mathematical Methods of Physics**

**4 credits**

PREREQUISITES: PHYS 381, PHYS 222, COMP 150, One of (MATH 221, MATH 152)

Working Physicists analyse physical systems and model them mathematically. The equations that arise are often complicated, so specific mathematical techniques have been developed over the years to solve them. These solutions then predict the future behaviour of that physical system. This course includes: Bessel Functions and Associated Legendre Polynomials and their applications in mechanics, electromagnetism and in the Hydrogen Atom; the calculus of variations, with applications in classical mechanics, optics and classical field theory, (with attention to coupled systems); Green Function techniques; and applications to strings, electromagnetism and heat. Students will work many problems using initially pen and paper, and then with Maple and/or C or FORTRAN. Computers will be used to generate numerical and/or graphical solutions.

**Modifications to First Year Physics 101, 111, and 112**

Peter Mulhern withdrew the PHYS 101 and 111 modifications.

**PHYS 112 – Electricity and Magnetism**

Peter Mulhern noted that:

- The prerequisites for PHYS 112 had been changed. The PHYS 112 pre-requisites "PHYS 111, or PHYS 101 (B+ or better)" has been clarified to read "PHYS 101 or a B+ or better in PHYS 111".
- The hours were also changed
- The credit value is not being changed – it remains at 4

**Motion:**

**B. Cooke / B. Salingré**

To approve the course outline and prerequisite Calendar copy changes to PHYS 112 as presented.

**APPROVED**

Calendar Copy (page 270)

**PHYS 112:**

**Electricity and Magnetism**

**4 credits**

Prerequisites: PHYS 101 with a B+ or better, or PHYS 111

Pre or corequisites: Math 112

~~The second half of PHYS 111~~ The course follows PHYS 111 and is designed for students who are planning to continue their studies in physics or any of the other sciences. Topics include ....

**CHEM 224**

At the last PAC meeting, Noham Weinberg had requested that the title of CHEM 224 be changed from, "Introductory Quantum Chemistry", to "Atoms, Molecules, Spectra". The course description, prerequisites our outlines were not being changed, only the course title. Since the course outline had not been presented at the last meeting, Noham was asked to and provided it for this PAC. The committee unanimously accepted the title change.

**Motion:****M. DeLadurantye / B. Bolton**

To approve the name change to CHEM 224 as presented.

**APPROVED**

Calendar Copy (page 216)

**CHEM 224:****Introductory Quantum Chemistry Atoms, Molecules, Spectra:****4 credits**

Prerequisites:...

**3.6 ECE Calendar Changes**

Bill Cooke chaired this section of the meeting.

D'Anne Epp presented the following:

**CYC 350B**

CYC 350B is a new course, which is being cross-listed with SSSW 412. The prerequisite for CYC 350B is "Admission to the BA CYC Program and CYC 350A". The Methods of Obtaining PLAR is "Portfolio".

**Motion:****V. Cooke / P. Burkhardt**

To approve the new CYC 350B course cross-listed with SSSW 412 as presented.

**APPROVED**

Calendar Copy (page 219)

**CYC 350B:****Legal Skills for Social Service Professionals**

Prerequisites: Admission to the BA CYC Program and CYC 350A

**3 credits**

Legal Skills for Social Service Professionals is a skills-based course focusing on both the development and the demonstration of skills that are part of statutory social service functions in child welfare, probation and youth work, parole, family court counselling and mental health. Students will learn and demonstrate skills related to the various mandates that govern their work as professionals in the social services. The course will involve experiential learning related to dispute resolution, advocacy, and legal skills such as investigation, evidence giving, and report writing. Fundamental to practicing these skills is an understanding of empowerment, partnership, working across differences, and individual and systemic change. The course will utilize a critical perspective and promote an understanding of the strengths and limitations of these skills in social service fields.

**Note:** This course is also cross-listed with SSSW 412. Students cannot receive credit for both CYC 350B and SSSW 412.

**Bachelor of Arts in Child and Youth Care – Program Outline – Note for Fourth Year**

D'Anne proposed that the note for the Fourth Year be amended (page 168 of handout but page 167 in the calendar). However, the old version of the note was revised while the new proposed version of the note was deleted.

**Motion:****V. Cooke / M. DeLadurantye**

To approve the change to the Note for the Fourth Year of the Program Outline of the BA in Child and Youth Care with suggested amendments.

**APPROVED**

Calendar Copy (page 167)

**Bachelor of Arts in Child and Youth Care  
Program outline  
Fourth Year**

**Note:** Students may not register in any 400 level-core CYC courses, except 423 and 425, until they have completed all CYC 200-level core courses and CYC 300 core level-courses.

**Early Childhood Education certificate – Program Outline – Note Added (Page 168)**

D'Anne explained that a statement in the Program Outline for Semesters II and III is being added for clarification, "Students are required to complete all of Semester I courses before taking Semester II courses". "All students will have been required to take Semester II courses before taking Semester III courses".

**Motion:****B. Cooke / B. Bolton**

To approve the addition of the Notes regarding Semesters II and III in the CEC program outline as presented.

**APPROVED**

Calendar Copy (page 168)

**Early Childhood Education certificate  
Program Outline  
Semester II**

**Note:** Students are required to complete all of Semester I courses before taking Semester II courses.

Calendar Copy (page 168)

**Early Childhood Education certificate  
Program Outline  
Semester III**

**Note:** Students are required to complete all of Semester II courses before taking Semester III courses.

**CYC 423 and CYC 425**

D'Anne Epp noted the prerequisite to CYC 423 and CYC 425 were being changed. The course outlines, which may be changed as well, were unavailable at the meeting. Since these were just Calendar copy changes, they were approved pending receipt of the course outlines. D'Anne Epp will provide these for the next PAC meeting in Early January.

**Action: D. Epp**

The implementation date is September 2003.

**Motion:****P. Burkhart / M. DeLadurantye**

To approve the prerequisite change to CYC 423 and 425 as presented – pending receipt of the course outlines.

**APPROVED**

Calendar Copy (page 219)

|   |                  |
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| <b>CYC 423:</b><br><b>Research Methods in Child and Youth Health</b><br>Developed in partnership with the University of Victoria<br>Prerequisite: Admission to the CYC degree program <del>or permission of the program head</del><br><b>and completion of all 200-level CYC courses.</b><br>Transferability: UVic, Malaspina<br><br>In this course ..... | <b>3 credits</b> |
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Calendar Copy (page 220)

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| <b>CYC 425:</b><br><b>Quantitative and Qualitative Analysis</b><br>Developed in partnership with the University of Victoria<br>Prerequisite: Admission to the CYC degree program <del>or permission of the program head</del><br><b>and completion of all 200-level CYC courses.</b><br>Transferability: UVic, Malaspina<br><br>An introduction to ..... | <b>3 credits</b> |
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**ECE 130**

D'Anne Epp noted that the prerequisite for ECE 130 had changed from "completion of 1<sup>st</sup> semester of the ECE program" to "completion of 2<sup>nd</sup> semester of the ECE certificate program"

**Motion:****P. Burkhart / M. DeLadurantye**

To approve the prerequisite change to ECE 130 as presented.

**APPROVED**

Calendar Copy (page 230)

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| <b>ECE 130 (formerly ECE 255):</b><br><b>Presenting Literature to Children</b><br>Prerequisite: <b>Completion of 2<sup>nd</sup> semester of the ECE certificate program</b> | <b>3 credits</b> |
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**ECE – 160, 213, 223, 224, 260, 269**

D'Anne Epp noted that the prerequisites for ECE 160, 213, 223, 224, 260, and 269 had been reworded, from "ECE Certificate or PCCFLB Licence to Practice", to "Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester". This was to tighten up the prerequisites.

**Motion:****P. Burkhart / V. Cooke**

To approve the prerequisite changes to ECE 160, 213, 223, 224, 260, and 269 as presented.

**APPROVED**

Calendar Copy (page 230)

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| <b>ECE 160:</b><br><b>Introduction to Disabilities</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester.<br><br>This course ..... | <b>3 credits</b> |
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Calendar Copy (page 230)

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| <b>ECE 213(formerly ECE 413):</b><br><b>Atypical Development</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester. | <b>3 credits</b> |
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| <b>ECE 223 (formerly ECE 423):</b><br><b>Administration of Childhood Centres</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester.<br><br>This course ..... | <b>3 credits</b> |
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Calendar Copy (page 231)

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| <b>ECE 224 (formerly ECE 242):</b><br><b>Working with Families</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester.<br><br>This course ..... | <b>3 credits</b> |
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Calendar Copy (page 231)

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| <b>ECE 260 (formerly ECE 460):</b><br><b>Foundations of Working with Exceptional Children</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester.<br><br>To understand ..... | <b>3 credits</b> |
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Calendar Copy (page 231)

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| <b>ECE 269 (formerly ECE 469):</b><br><b>Foundations of Infant Caregiving</b><br>Prerequisites: Admission to ECE Diploma Program. Permission of the instructor for 2002 Fall Semester.<br><br>An examination ..... | <b>3 credits</b> |
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**ECE 242, 243, 281, 282**

Since the course outlines were unavailable for ECE 242, 243, 281 and 282, D'Anne will be bring these courses at a future PAC meeting.

**Action:** D'Anne Epp

**PAC Agenda:** ON HOLD - 2002

**5.0 ADJOURNMENT**

**P. Burkhart / B. Cooke**

**NEXT EXTRAORDINARY PAC MEETING  
DATE: EARLY JANUARY (DATE TBA)  
TIME: 9:30 – 12:00 (ROOM # TBA)  
ABBOTSFORD CAMPUS**