

## SCIENCE FACULTY COUNCIL

### Approved Minutes

Friday, October 4, 2013 – 1pm – Room D217

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CHAIR: Tony Stea

PRESENT:

Ali Fotouhi	Cory Beshara	Grant Fritzke	Karina Chow	Stan Manu
Allan Arndt	Darlene Carson	Greg Schlitt	Kathy Peet	Steve Marsh
Andrew	David Chu	Gregory Schmaltz	Kevin Hegeman	Terry Starr
Alexander	David Fenske	Ian McAskill	Nicole Klassen	Tim Cooper
Ben Vanderlei	Derek Harnett	James Bedard	Patrick Harrison	Tony Stea
Carmen Herman	Edward Lo	Jane Webb	Peter Mulhern	
Christine Dalton	Gabriel Murray	Jeff Chizma	Rilla Apostolakis	
Colleen Gingerich	Gillian Mimmack	Karen Cooper	Ron Wilen	

REGRETS: Alida Janmaat (Sabbatical), Awneet Sivia, Beth Gillespie (Teaching), Camilo Martinez (Teaching), Cynthia Loten (On Leave), Daniel Harris, Erik Talvila (On Leave), Godwin Choy (Sabbatical), Lucy Lee, Noham Weinberg, Susan Milner, Wendy Gracey (On Leave)

RECORDER: Melinda Saretzky

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1. GUESTS and INTRODUCTIONS

John English, Dean of Faculty of Trades & Technology

Sylvie Murray, Program Development Coordinator

Andrew Alexander & Kevin Hegeman – Student Representatives

2. AGENDA and MINUTES

2.1. Adoption of Agenda

Addendum: Guest, Sylvie Murray

Add: Agriculture Centre of Excellence as 4.0 and renumber

Remove: 7.1.7 Engineering Transfer Program

2.2. Approval of Minutes – September 6, 2013

Tabled.

3. ENGINEERING PHYSICS DIPLOMA PACKAGE

3.1. Engineering Physics Diploma – New Diploma

Brief overview of the program was given. This could be a step towards other programs such as a degree.

Suggestions from FSCC (Curriculum Committee); see attached documents:

- UFV Institutional Research Survey might be beneficial
- Re: International reserves – there is no cost difference if the current ratio was changed
- Typo in document: \$7500 cost reference should say ‘per term’ not ‘per course’
- Comment: 24 students versus 18 students – 18 is a break even number and increasing to 24 would definitely be more manageable. No decision has been made regarding any changes to the International/Domestic ratio.

3.2. ENGR 210, ENGR 330, ENGR 340, ENGR 350, ENGR 390 – New Courses

3.3. ENPH 310, ENPH 320, ENPH 360 – New Courses

Discussion: Brief overview and discussion was had.

MOTION: That Faculty Council approve the new Engineering Physics Diploma plus all related courses; ENGR 210, ENGR 330, ENGR 340, ENGR 350, ENGR, 390, ENPH 310, ENPH, 320, ENPH 360; and forward to UEC.

*Moved by Derek H./Seconded by Tim C. All in Favour. Carried.*

#### 4. AGRICULTURE CENTRE OF EXCELLENCE

Documents were circulated and are also available on the Public Drive: H.

John English gave an overview of the ‘vision’ of the new centre.

- Initial resources and criteria have not yet come forth to start the program.
- Committee is accepting vision ideas from all the Faculties
- Faculty of Science is adding two diplomas; Agriculture Diploma, & Engineering Physics Diploma
- Ideas include: Automation Technician, Agribusiness, and tourism – which organizations to see what would be relevant to jobs within the Fraser Valley?
- Some things that are not on the list: Energy, land use, secondary food processing
- The process is in the beginning stages and communication with the Faculties has begun.
- Science and business may be key areas of interest.
- Looking for ideas on what would be the principles that would guide the committee’s selection for the Centre of Excellence.
- Question to ask is what the government and the industry expecting.

NOTE: Dec. 4<sup>th</sup> – UFV wide workshop scheduled

ACTION: All: Submit responses and ideas to [Melinda.saretzky@ufv.ca](mailto:Melinda.saretzky@ufv.ca) by Nov. 23<sup>rd</sup> for compilation. Compiled document will be forwarded by Melinda to [Sylvie.murray@ufv.ca](mailto:Sylvie.murray@ufv.ca) by Nov. 24<sup>th</sup>

ACTION: Add to Next Faculty council meeting for more discussion.

5. DEAN'S REPORT – no report
6. BUSINESS ARISING FROM MINUTES – n/a
7. DISCUSSION and DECISION

7.1. Scholarship, Service and Teaching

The committee has completed this first task by creating a grid that will be ready for circulation for the next Faculty Council meeting.

A new committee is needed for the next step to discuss in further detail regarding the specific ranks.

NOTE: Dec. 31<sup>st</sup> is the deadline for all applications.

It is understood that there will be two separate processes, one for current Faculty and one for new hires starting in January 2014.

There will be grandfathering for those not on probation. There seems to be some confusion regarding the meaning of the grandfathering clause and also for those on probation.

ACTION: DEAN'S OFFICE: Regarding Rank and Tenure document submission deadline of Dec. 31st - Send clarification to all Faculty as to what the process is and what is expected from them. Could FSA be invited to the next Faculty Council meeting? Is there any movement on "lab Instructor" language? Please clarify what type of additional document is required for submission (dossier or teaching philosophy).

ACTION: Departments: Elect or nominate one member to be a part of the new Scholarship, Service and Teaching committee (previous committee has completed initial task). The purpose of the committee would be to bring more clarification regarding the ranks (including lab instructors, instructors on probation, etc.). The committee would take back to the department for discussion and then back to Faculty Council.

7.2. [Open Textbooks](#)

- These books are open source books which can be used by everyone. It is recommended that Faculty have a look at the books that are listed and make comments.
- A large selection open source books is currently available from the UFV Library.
- The concern from the Teaching and Learning Council is that the government may want to have these books regarded as mandatory use.
- These books don't seem to be very sufficient and would be a concern if they were to become mandatory.

- Why are these particular books being brought forth from the BC Government?
- Is the BC government trying to promote a list of synonymous courses for transfer credit?
- Could this be a way to provide more resources for students?
- There is the issue of the cost of textbooks for students and also the general cost of education itself.
- Examples were given regarding some ways that instructors could give students more economical choices for books

### 7.3. Review of [Policy 101 – Grading System](#)

- The changes at the lower end of the scale seem to make sense since the UFV Continuance policy states that “Students must have a CGPA of at least 2.00 to remain enrolled in Good Academic Standing at UFV.”
- Discussion regarding the grading system and the fact that Geography and Science tend to be severely disadvantaged when it comes to scholarships. There should be equal access to scholarships.
- A summary of grades could be a useful report to receive from Institutional Research.
- The wording of grading tends to be a different interpretation across the disciplines.

ACTION: Committee Assistant to forward documents to faculty for review and noting the comment submission deadline of Oct. 25

## 8. FSCC (Curriculum Committee)

### 8.1. DECISION (Significant Changes)

8.1.1. BIO 203 renumber to BIO 309 - Change to Course Number/Calendar Description/Prerequisites

8.1.2. BIO 280 renumber to BIO 383 – Change to Course Number, Description, Prerequisites & Course Outline

8.1.3. BIO 325 renumber to BIO 425 - Change to Course Number, update to Prerequisites

8.1.4. BIO 326 renumber to BIO 426 - Change to Course Number, update to Prerequisites

A brief overview of the changes was given.

As per FSCC recommendations, some of the learning outcomes have been revised to reflect the more senior students. Learning outcomes will be aligned to the Institutional Learning Outcomes (ILO's) at a later date.

OMNIBUS MOTION: That Faculty Council approved the changes to BIO 203, BIO 280, BIO 325, and BIO 326 as presented and forward to UEC.

*Moved by Pat. H./Seconded by Allan A. All in favour. Carried.*

8.1.5. COMP 361, COMP 455 – Course reviews with changes

A brief overview of the changes was given.

OMNIBUS MOTION: That Faculty Council approved the changes to COMP 361, COMP 455 as presented and forward to UEC.

*Moved by Colleen G./Seconded by Edward L. All in favour. Carried.*

8.1.6. COMP 381, COMP 481 – New Courses

An overview of the new courses was given.

Question: Are there additional resources given for these courses?

Answer: These two may be offered separately and other courses not offered in their stead.

OMNIBUS MOTION: That Faculty Council approved the new courses COMP 381, COMP 481 as presented and forward to UEC.

*Moved by Tim C./Seconded by Ali F. All in favour. Carried.*

8.1.7. Engineering Transfer Program – Change to entrance and program requirements

Tabled.

8.1.8. Physics Major, Honours, and Minor in Science – Change to Program Requirements

An overview of the changes was given.

Question: Is there a residency requirement associated with the Bachelor of Science program?

Answer: 50% of upper level UFV courses are currently required for each discipline. See the [General BSc requirements](#) for more details.

MOTION: That Faculty Council approved the changes to Physics Major, Honours, and Minor in Science as presented and forward to UEC.

*Moved by Ron W./Seconded by Tim C. All in favour. Carried.*

8.1.9. MATH 355 – Change to Maximum Enrolment

Concern was noted regarding the change to decrease of Maximum Enrolment.

The Dean approves after Faculty Council.

MOTION: That Faculty Council approved the changes to MATH 355 as presented and forward to UEC.

*Moved by Ali F./Seconded by Greg S. All in favour. Carried.*

8.2. INFORMATION (Routine Changes)

8.2.1. BIO 201, 202 – Change to Course Title, Description, Prerequisites

8.2.2. COMP 350 - Course review with changes

8.2.3. MATH 110, MATH 140 – Change to synonymous courses

9. OTHER REPORTS

9.1. Science Advice Centre

Science Social – very well attended with approximately 120 faculty/staff/students. Displays were set up from various organizations and lots of prizes were handed out.

Grad School Information Session – Nov. 7<sup>th</sup> at 5:30 – various Faculty will speak on their experience with applying to Grad School.

10. INFORMATION ITEMS

10.1. [Policy 142 – Conflict of Interest](#)

Please be aware of any potential conflicts and contact the Dean if you have any questions.

11. ADJOURN – Next Meeting, November 1, 2013 at 1pm – Room D217