



MEMORANDUM

To: Executive Committee of Faculty Council (September 19, 2014)
Faculty Council (October 8, 2014)

From: Professor Markus Bussmann
Chair, Engineering Graduate Education Committee (EGEC)

Date: September 5, 2014

Re: **EGEC Information Report**

REPORT CLASSIFICATION

This is a routine or minor policy matter that will be considered by the Executive Committee for approving and forwarding to Faculty Council for information.

New Courses Approved

CHE1435H	Fundamentals of Aerosol Physics and Chemistry
CIV1320H	Indoor Air Quality
MIE1133H	Laser Applications in Engineering
MIE1762H	Centrifugal and Positive Displacement Pumps 1
APS1009H	Natural Resources Management
APS1019H	Leadership in Project Management
APS1028H	Operations and Production Management for Manufacturing and Services
APS1031H	Infrastructure Planning
APS1204H	Instructional Design in Engineering Education
APS1205Y	Engineering Education Research Seminars – Master’s Level
APS1206Y	Engineering Education Research Seminars – Doctoral Level

Minor Modifications

Department of ECE

Change course title for ECE1373H to “Digital Design for Systems-on-Chip”.

Department of MIE

MIE1133H was approved for Winter 2015. However, the department decided to offer this course in Fall 2014. The course start date changed from 20151 to 20149 on ROSI.

Online Grad Course Evaluations

In April, 2013, after a long period of consultation, Faculty Council approved a new Course Evaluation Framework for undergraduate courses. The new approach was implemented in the fall, 2013 term.

As a result, last academic year the Engineering Graduate Education Committee (EGEC) considered what to do about grad course evaluations. Unlike undergrad evaluations that are administered centrally, grad course evaluations are administered separately by each of six grad units. (UTIAS has never evaluated grad courses.) A number of evaluation styles are currently in use, and the administration is in many cases cumbersome. Members of the EGEC, following consultation with department colleagues and staff, were supportive of moving evaluations to the online CTSI system.

The EGEC met with Susan McCahan on February 13, 2014 to discuss implementation and evaluation questions, and there was general agreement that grad course evaluations be limited to the eight University-level mandatory questions:

1. I found the course intellectually stimulating.
2. The course provided me with a deeper understanding of the subject matter.
3. The instructor created a course atmosphere that was conducive to my learning.
4. Course projects, assignments, tests and/or exams improved my understanding of the course material.
5. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.
6. Overall, the quality of my learning experience in this course was ...
7. Please comment on the overall quality of the instruction in this course.
8. Please comment on any assistance that was available to support your learning in the course.

and that there was no need to add special Faculty questions. Individual instructors will be able to add course-specific questions selected from a large set of pre-approved questions maintained by CTSI.

All that remained was to decide what to do regarding the old Q16 that was retained on the new undergraduate course evaluation as Q15: "What is your overall rating of this instructor as a teacher?", albeit measured on a new scale of 1-5 rather than the old scale of 0-7. The EGEC agreed to allow grad units the choice to add this question, or not. Five graduate units have indicated that they plan to add this question: Civil Engineering, ECE, MIE, MSE and UTIAS. Chemical Engineering & Applied Chemistry and IBBME have indicated that they will not.

Online graduate course evaluations will be implemented beginning in the fall, 2014 term.

PROPOSAL/MOTION

For information.