

Faculty of Engineering

Faculty Council

Meeting 2023.02

13:00. Apr 12, 2023 in person in CBY 707 and on Microsoft Teams

PRESENT

Officers of the Faculty

J. Beauvais, K. Hinzer, C. D'Amours, M. Labrosse, T. Lethbridge H. Viktor, D. Spinello, M. Fall, H. Anis, X. Cao.

Professors

C. Fauteux-Lefebvre, C. Lan, H. Tezel, E. Dragomirescu, C. Kinsley, O. Seidou, S. Vanapalli, E. Petriu, H. Al Osman, M. Bouchard, J. Zhao, N. Zaguia, P. Branco, H. Mouftah, M. Turcotte, H. Schriemer, I. Catelas, T. Jin, R. St-Gelais, T. Uchida, A. Weck, J. Foster, K. Meek, M. Majeed, A. Rahgozar.

Students

E. Ustun Karatop, E. Morshedi, P. Bayat, S. Shaikh, T. Agarwal, T. Ruel, C. Lit, A. Ariyappillil, G. Hajraoui, B. Ivanovich, A. Schubert, J. Brown, R. Goodwin, Y. Boubacar.

Others including guests and non-members

M. Kimberley, H. Howes, C. Morasse, J. Olivier, D. Azzi, C. Bjerring.

EXCUSED

Officers of the Faculty

D. Taylor

Professors

L. Moura, A. Sowinski

Students

F. Jaheen

ABSENT

Officers of the Faculty

M. Bolic

Professors

A. Machi, M. Kavagic.

Students

A. Bhangu.

23.02.01 Approval of the Agenda

The agenda was approved.

Many new student members and one new part time professor member are joining Council. Also, Daniel Azzi, the new Chief Administrative Officer, is joining us.

23.02.02 Approval of the Minutes of the February 2023 Meeting

The minutes had been approved by email.

23.02.03 Matters arising from the minutes

There was none.

23.02.04 Report of the Dean

The context around us has been changing, particularly private sector providers positioning themselves as our competition. Industrial corporations are offering certifications; these may be added value for us.

The countries from where we receive international students have also changed.

Funding models from the government have not kept track with the evolution of universities.

We don't yet have the means to offer everything in both languages.

We have managed finances of our Faculty closely.

We are committed to innovation and to growth in the impact of what we are doing. We are also committed to service to the public: Trying to have an impact of everything we do.

We are increasing the number of first choices of students who want to come to the faculty.

We are trying to improve our inclusivity and our student experience.

We want to ensure we are accountable to ourselves to achieve these objectives.

The Dean presented a refactoring of the vice-deans. In his proposal there would be a Vice-Dean Programs, a Vice-Dean Student affairs, and a Vice-Dean EDI and Governance. The position of Vice-Dean Research would not change. The Dean has presented this in several departments, and several people have expressed interest in the new positions.

We are now close to 40% Francophone undergraduate students. Our Faculty is expected to get new faculty members to teach in French.

There was discussion of microprograms (3 courses taken together). Our undergrads can take graduate microprograms in their fourth year.

23.02.05 Report of the Vice-Dean Graduate Studies

The Vice-Dean distributed a written report.

Minor modifications to curriculum:

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-DTI-01. This creates the course code DTI 6287 - Business Intelligence Technologies and Big Data Analytics to improve the DTI student registration process, increases DTI transparency in Arts, and increases TA hiring flexibility. It double-codes an ADM course, to ensure DTI students can get into the course.

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-CSI-02. This cleans up admission and program requirements relating to language testing, as well as removing the category requirements for courses in the PHD program.

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-GNG-03. This cleans the pre-requisite and course description for GNG5901 Industry Internship, which is out of date. Students need to complete just one semester before they can do an internship.

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-SEC-04. This cleans program requirements. Currently SEC5100 and SEC5101 are both required; but the latter is very mathematical and is driving students away. This makes SEC5101 optional.

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-CHG-05. This creates of two new courses (CHG6001 3cr. and CHG6002 3cr.) to be used for MEng programs in lieu of CHG6000 6cr.

Major modification:

On a motion duly moved and seconded, Faculty Council approved 2023-GRAD-GENIE-EMP-06. This refreshes and enhances the Masters of Engineering Management (EMP) program by giving EMP more relevance and appeal through a re-grouping of courses into four Areas of Expertise more reflective of the structure of the online Masters of Engineering Management program (MEM), adding two new courses and giving the program more definition by strengthening the core requirements and establishing a new experiential practicum into the optional program requirements. It will achieve the same learning outcomes as the present campus program, but the program content is re-packaged and augmented for impact.

23.02.06 Report of the Vice-Dean Research

The Vice-Dean had circulated a report.

The Vice-Dean congratulated professors who have received research funding recently. 14 professors received their Discovery grants. We have done exceptionally well with CREATE grants.

The Vice-Dean has released the Faculty Research Advisory Committee membership list.

For researchers, WorkDay should save time. The functionality of FAST, Concur and SciQuest will be merged into this.

23.02.07 Report of the Vice-Dean Undergraduate Studies

The Vice-Dean circulated a report.

He highlighted international exchanges: CEAB has adjusted its rules to facilitate these, but we still have to track the AUs, and a professional engineer still has to sign off on such opportunities.

We are going to meet our admission goals. For the first time 25% of admitted students are women. We are maintaining about 30% international students.

23.02.08 Other Business

Accreditation: Advisory committees have started giving feedback. Professors are going to be asked to give more details of the learning outcomes of each course.

This may be the final meeting for several Vice-Deans.

The meeting ended at 14:15.

Timothy C. Lethbridge

Vice-Dean (Governance)