Faculty of Engineering

Faculty Council

Meeting 2022.04

13:00. Nov 23, 2022 in person in CBY 707 and on Microsoft Teams

PRESENT

Officers of the Faculty
J. Beauvais, K. Hinzer, C. D'Amours, M. Labrosse, D. Taylor, T. Lethbridge H. Viktor, N. Baddour, M. Fall, H. Anis.

Professors
A. Sowinski, A. Weck, C. Fauteux-Lefebvre, C. Kinsley, C. Lan, E. Petriu, H. Al Osman, H. Mouftah, H. Tezel, I. Catelas, J. Foster, K. Meek, L. Moura, M. Bouchard, M. Majeed, M. Turcotte, O. Seidou, P. Branco, R. St-Gelais, S. Vanapalli, T. Jin, T. Uchida.

Students
A. Habash, H. Adiaviakoye, J. Barragán, L. Kristufek, R. Ferdousi, S. Anami Rad, S. Maheshchandra Patel, V. Acuna Gutierrez, Z. Flahaut.

Others including guests and non-members
J. Olivier, M. Kimberley, S. Gandolfini, S. Drouin, C. Morasse, C. Bjerring .

EXCUSED

Professors
J. Zhao, H. Schriemer.

ABSENT

Officers of the Faculty
X. Cao, M. Bolic.

Professors
A. Macchi, E. Dragomirescu, M. Kavgic, N. Burn, N. Zaguia

Students
A. Vandici, A. Walters, C. Pettipas, C. Valettas, L. Gbala, S. Fatima, T. Adithan.

22.04.01 Approval of the Agenda

The agenda was approved.

22.04.02 Approval of the Minutes of the September 28 Meeting

The minutes had been approved by email.

22.04.03 E-Votes and matters arising from the minutes

The following three electronic votes had been held since the last meeting:

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-DTO-20

This motion will create a completely online, cost-recovery version of the existing on-campus degree program: Master of Digital Transformation and Innovation (MDTI), effective May 2023. The existing on-campus, and the new online version of the Master of Digital Transformation and Innovation program are interdisciplinary between the Telfer School of Management, the Faculty of Arts, and the Faculty of Engineering. The new online, cost-recovery versions will be called: Master of Digital Transformation and Innovation (Online). It will achieve the same learning outcomes as the existing campus program, but the program content is re-packaged for online delivery.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-SYS-32

Creation of 3 new optional courses for the Systems Science programs

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-AAI-28

This motion will create a completely online, cost-recovery version of the existing on-campus degree program: Master of Systems Science and Engineering, effective May 2023. The new online, cost-recovery version will be called: Master of Interdisciplinary Artificial Intelligence. It will achieve the same learning outcomes as the existing campus program, but the program content will be re-packaged for online delivery.

The AAI and DTO motions are for programs with Keypath and have now passed the Graduate Council. Their next step is Senate Executive.

Michel Labrosse, Vice Dean Undergraduate, talked about communications with undergrads.

IdeaScale has been renewed and the Vice-Dean Governance will be starting a campaign to have students contribute ideas.

22.04.04 Report of the Dean

The Dean indicated that the University is in a challenging financial situation.

We also have many more students (a total of 49,000) than in pre-pandemic times. There are also more personnel of all kinds, so costs have gone up. At the beginning of the academic year, the Faculty had a budget cut imposed. We believe we can manage Faculty finances despite this cut, since our Faculty is in a healthy situation, with various sources of external revenue including various partnerships.

The Dean indicated that we have been through a lot of transitions. In particular, the University has risen 25 places in the Times Higher Education (THE) rankings. The Faculty of Engineering also received a very high rating in this compared to other faculties, with many external people voting for us.

There was discussion of the optimum number of students and how the number of students (domestic and international) affects cost.

The Faculty very high numbers of applicants in some programs, and certain admission average requirements are in the 90's.

22.04.05 Report of the Vice-Dean Research

Several Discovery grants were submitted.

The Vision 2030 plan is being worked on.

There are plans to change UROP program to help our faculty, since many of our students are on co-op during the summer of their third year, which makes it hard for such students to participate.

22.04.06 Report of the Vice-Dean Graduate Studies

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-BMG-16

This does the following: Creation of EMP course codes to replace MBA course codes:

1. Create a course code for MBA 5235 E Management Skills I (EMP 5235 Management Skills).

2. Create a course code for MBA 5241 E Managerial Accounting Information and Decision Making (EMP 5241 Managerial Accounting Information and Decision Making).

3. Create a course code for MBA 5250 E Introduction to Corporate Finance (EMP 5250 Introduction to Corporate Finance).

4. Create a course code for MBA 5320 E Strategic Marketing Management (EMP 5320 Strategic Marketing Management).

5. Create a course code for MBA 5330 E Organizational Behaviour and Human Resources Management (EMP 5330 Organizational Behaviour and Human Resources Management).

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-EVG-17

This involves:

Addition of 2 new courses, EVG 5192 Characterization Methods for Materials and EVG 7007 (ENVE 5007) Filtration and Membranes in Water Treatment

It also involves change the category of EVG 5333 (ENVJ 5333) Research Methods from 'Environmental Impact Assessment, Sustainability and Climate Change' to 'Other'.

It also modifies the name of the 'Environmental Impact Assessment' breadth area within the List of Program Courses to 'Environmental Impact Assessment, Sustainability and Climate Change'.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-CHG-20

This modifies the course description for CHG 8191 - Selected Topics Chemical Engineering

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-CVG-22

This creates new course codes to match the OCICE regular course offering.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-SYS-23

This modifies the calendar text under "Admission Requirements" and "Notes".

It specifies that no equivalencies or advanced standing are granted. A student who has already successfully completed some of the compulsory units, may be allowed to replace those units with elective units. For details, see the general regulations in effect for graduate studies, section B 2.7 c)

(Regulation B 2.7 c was abolished on January 1, 2017)

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-BMG-25

This corrects course titles / course descriptions (changes made at Carleton University)

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-ELG-26

This creates and abolishes certain course codes

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-MCG-27

This adds an optional course to match Carleton University's course offering (a correction to the code was pointed out; it should be 5108).

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-CSI-30

Following the creation of AAI-29 and DTO-29, the course exclusions for some courses have to be modified to respect data integrity.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-MEM-31

This adds new optional courses to the MEM (Online) program

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-SYS-32

This creates 3 new optional courses for the Systems Science programs (a repeat of the e-vote).

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-BMG-33

This deletes a course from the BMG curriculum, to match Carleton University's calendar

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-IAI-34

Following the creation of AAI-29 and DTO-29, the course exclusion for some courses has to be modified to respect data integrity.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-SEC-35

Following the creation of AAI-29 and DTO-29, the course exclusions for some courses have to be modified to respect data integrity.

On a motion duly moved and seconded, Faculty Council approved 2022-Grad-Genie-DTI-36

Following the creation of AAI-29 and DTO-29, the course exclusion for some courses have to be modified to respect data integrity.

22.04.07 Report of the Vice-Dean QATI

We will be moving to GAIA for accreditation and ceasing to use Vena as of Dec 31st. Those involved in preparation for accreditation and requiring Vena data should extract this data before the deadline of Dec 31st.

22.04.08 Other Business

There was none. The meeting ended at 14:08.

Timothy C. Lethbridge

Vice-Dean (Governance)