



MEMORANDUM

To: Executive Committee of Faculty Council (October 8, 2019)
Faculty Council (October 31, 2019)

From: Professor Julie Audet
Chair, Engineering Graduate Education Committee (EGEC)

Date: September 24, 2019

Re: **EGEC Information Update**

REPORT CLASSIFICATION

This is a routine or minor policy matter that has been approved by the Engineering Graduate Education Committee on behalf of Faculty Council¹. It will be considered by the Executive Committee for endorsing and forwarding to Faculty Council for information.

NEW COURSES APPROVED

AER1515	Perception for Robotics
AER1516	Robot Motion Planning
APS1101	System Dynamic Risk Assessment
APS5500	Research Methods and Project Execution for Graduate Student Success
BME1478	Coding for Biomedical Engineers
CHE1133	Bioprocess Engineering
CHE1135	Regulatory Affairs for Industrial Biotechnology and Biopharmaceutical Products
CHE1333	Biomaterials Engineering for Nanomedicine
CHE1334	Organ-on-a-Chip Engineering
CIV1240	Building Performance Assessment
MIE1075	AI Applications in Robotics
MIE1612	Stochastic Programming and Robust Optimization

¹ As a result of the 2005 Task Force on Graduate Education at the University of Toronto, EGEC has delegated authority to “consider and approve on behalf of Faculty Council and/or recommend to Faculty Council and/or SGS, matters relating to graduate curriculum, policy, new initiatives, program and course changes”.

MINOR MODIFICATIONS

APS1034 Understanding Technological Catastrophes	Course name changed to Making Sense of Accidents
APS1051 Portfolio Management Praxis under Real Market Constraints	Course name changed to Algorithmic Portfolio Management under Real Market Constraints
BME1452 Signal Processing	Course code change to MIE1452
(PSL1071 Computational Neuroscience)	Course code changed to JPB1071. JPB is an existing code that has been used for multiple courses offered in collaboration between the Department of Physiology (Faculty of Medicine) and IBBME
MEng Emphasis in Advanced Water Technologies (CHE, CIV, MSE)	CHE565, CIV549, CIV550 and CIV1303 were moved from the specialized list to the core course list
MEng Emphasis in Engineering and Globalization (AER, BME, CHE, CIV, ECE, MIE, MSE)	Course list updated to reflect new courses that have become available to students and the few courses that are no longer offered
MEng Emphasis in Entrepreneurship, Leadership, Innovation and Technology in Engineering (AER, BME, CHE, CIV, ECE, MIE, MSE)	Course list updated to reflect new courses that have become available to students and the few courses that are no longer offered
MEng, MASC, PhD Emphasis in Sustainable Energy (AER, CHE, CIV, ECE, MIE, MSE)	Course list updated to reflect new courses that have become available to students and the few courses that are no longer offered

RECOMMENDATION FOR FACULTY COUNCIL

For information.