



MEMORANDUM

To: Executive Committee of Faculty Council (April 7, 2020)
Faculty Council (April 29, 2020)

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

Date: March 24, 2020

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

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|---------|---|
| MIE1076 | AI Applications in Robotics II |
| MIE1080 | Introduction to Healthcare Robotics |
| MIE1724 | Additive Manufacturing in Engineering Applications |
| MIE1766 | Aluminum Die Casting 2 – Product Design and Optimization |
| MIE1767 | Mechatronics in Automotive Applications 1 |
| MIE1768 | Mechatronics in Automotive Applications 2 |
| MSE1066 | Practical Aspects of Electron Microscopy |
| MSE1067 | Damage and Failure of Advanced Engineering Materials |
| MSE1068 | Additive Manufacturing of Metals, Ceramics and Composites |

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

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| <p>APS1010 Cognitive and Psychological Foundations of Effective Leadership</p> <p>APS1019 Leadership in Project Management</p> <p>APS1026 Positive Psychology for Engineers</p> <p>APS1027 Engineering Presentations</p> <p>APS1029 The Science of Emotional Intelligence and its Application to Leadership</p> <p>APS1030 Engineering Careers – Theories & Strategies to Manage your Career for the Future</p> <p>APS1203 Teaching Engineering in Higher Education</p> <p>APS1204 Instructional Design in Engineering Education</p> <p>APS1205 Engineering Education Research Seminars</p> <p>APS1206 Engineering Education Research Seminars</p> <p>APS1501 Leadership and Leading in Groups and Organizations</p> <p>APS1502 Leading Engineering Design Projects</p> | <p>Code prefix for courses in the area of leadership changed to “TEP” to reflect new administrative unit (ISTEP).</p> |
| <p>APS1011 Concepts and Applications of Authentic Leadership</p> | <p>Name changed to <i>Authentic Leadership: Engineering a Vibrant Future</i> and course code prefix changed to TEP1011</p> |
| <p>MEng emphasis in Biomanufacturing (CHE)</p> | <p>Add MIE and MSE as participating units</p> |
| <p>MEng emphasis in Advanced Soft Materials (CHE)</p> | <p>Add MIE and MSE as participating units</p> |

RECOMMENDATION FOR FACULTY COUNCIL

For information