



Report No: 3244

To: Faculty Council

From: Professor Christopher Damaren
Chair, Engineering Graduate Education and Research Committee

Date: February 2, 2010

Item: Report of the Engineering Graduate Education and Research Committee

New Courses Approved

AER1308H	Introduction to Modern Flow Control
APS1011H (CHE)	Concepts and Application of Authentic Leadership
APS1012H (MIE)	Management of Innovation in Engineering
DMI0827H (MIE)	Renewable Energy Systems
ECE1084H	Design of Advanced High-Efficiency Switched Mode Power Supplies
ECE1085H	Power System Optimization
ECE1655H	Optimal Control
ECE1749H	Interconnection Networks for Parallel Computer Architectures
MIE1755H	CAE Technologies in Automotive Engineering
MIE1756H	Materials in Automotive Design and Manufacturing

Program Renamed

Institute of Biomaterials and Biomedical Engineering – Clinical Biomedical Engineering (MHSc) program to <i>Clinical Engineering (MHSc)</i> .

Course and Thesis Requirements Changed

<p>Institute of Biomaterials and Biomedical Engineering – Clinical Biomedical Engineering (MHSc) Program Requirements:</p> <ol style="list-style-type: none"> 1) Normally 4.0 full-course equivalents (FCE), including 1.0 FCE which involves periods of internships in health care facilities, the medical device industry, or health care consulting firms. All students are required to take a life science course, such as JPB 1022H (or an equivalent) to <i>Normally 4.0 full-course equivalents (FCE), including BME1450, a life science equivalent and 1.0 FCE which involves periods of internships in health care facilities, the medical device industry, or health care consulting firms. All students are required to take a life science course, such as JPB 1022H (or an equivalent).</i> 2) A research project to <i>Successful completion of a thesis in the clinical engineering field.</i> 3) All degree requirements to be completed within three years to <i>All degree requirements to be completed within two years.</i>
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