Engineering Graduate Education Committee
Report # 3214 to Faculty Council November 2007

New/modified courses approved

- APS1001 Project management
- APS1002 Financial Engineering
- APS1003 Professional education and instruction
- APS1004 Human Resource Management - An Engineering Perspective
- APS1005 Operations Research for Engineering Management
- APS1088 Entrepreneurship and Business for Engineers
- APS1201 Topics in engineering and public policy
- APS501 Leadership and leading in groups and organizations
- CIV1283 Civil Informatics
- CIV1401 Satellite Positioning and Remote Sensing
- CIV1402 Continuum Mechanics of Fluids and Solids
- CIV1506 Freight Transportation and ITS Applications
- DMI0824 Optimization of Energy Efficiencies in Industrial Processes
- DMI1068 Managing Competitive Intelligence
- ECE1253 Active Microwave Circuits
- ECE1365 High Frequency Integrated Circuits
- ECE1777 Computer Methods for Circuit Simulation
- MIE1127 Engineering applications of waves
- MIE1232 Microfluidics and Laboratory-on-a-Chip Systems
- MIE1357 Laser Biomedical Photoacoustics, Biothermophotonics and Imaging
- MIE1412 Human-Automation Interaction
- MIE1650 Research Seminars in OR
- MIE1720 Creativity in Conceptual Design
- MIE506 MEMS Design and Microfabrication
- MIE516 Combustion and Fuels
- MIE517 Fuel Cell Systems
- MIE539 Biomechanics 2

Program changes approved

- AER Masters of Engineering: reduce the number of required courses from 12 half courses to 10
- CHE Master of Engineering: change in program requirement to allow completion in course only option
- CIV PhD Coursework requirements for CIVIL
- CIV The name 'Geotechnical Engineering' changed to 'Engineering Geoscience' (pending OCGS)
- ECE Change in program policy - all students must now declare a field of expertise