

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