



To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: September 29th, 2015 Meeting

The Missouri S&T Campus Curricula Committee recommends to the Faculty Senate that the course and degree requirement changes requested on the following DC forms be approved:

File #237.13 Materials Science and Engineering: Biomedical Engineering Minor

The Missouri S&T Campus Curricula Committee recommends to the Faculty Senate that the course changes requested on the following CC forms be approved:

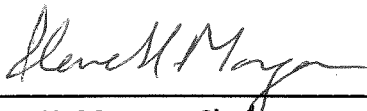
File #776.1 Aerospace Engineering 3131: Aerodynamics I
File #73.1 Aerospace Engineering 5169: Introduction to Hypersonic Flow
File #2454.4 Computer Engineering 5410: Introduction to Computer Communication Networks
File #1304.1 Computer Science 4096: Software Systems Development I
File #2541.1 Education 2221: Teaching Math in Elementary and Middle Schools
File #2400.1 Education 2222: Geometric Concepts for Elementary Teachers
File #2109.1 Engineering Management 5212: Intelligent Investing
File #32.4 English 2560: Technical Marketing Communication
File #2569.1 Geophysics 4231: Seismic Interpretation
File #768.6 Geophysics 5202: Exploration and Development Seismology
File #1008.4 Geophysics 5261: Computational Geophysics
File #274.1 Geophysics 6211: Advanced Seismic Interpretation
File #1191.1 Geophysics 6241: The Theory of Elastic Waves
File #2491.1 History 4097: Senior Project
File #2390.1 IS&T 4680: Introduction to Web and New Media Studies
File #340.1 Math 2222: Calculus with Analytic Geometry III
File #604.1 Mechanical Engineering 2340: Statics and Dynamics
File #22.1 Mechanical Engineering 2350: Engineering Mechanics-Dynamics
File #765.1 Mechanical Engineering 2519: Thermodynamics
File #517.1 Mechanical Engineering 3313: Machine Dynamics
File #1286.1 Mechanical Engineering 3411: Modeling and Analysis of Dynamic Systems
File #1851.1 Mechanical Engineering 3525: Heat Transfer
File #473.1 Mechanical Engineering 3653: Manufacturing
File #2378.1 Mechanical Engineering 3708: Machine Design I
File #1950.1 Mechanical Engineering 5653: Computer Numerical Control of Manufacturing Processes
File #154.1 Mechanical Engineering 5655: Manufacturing Equipment Automation

- File #1752.1 Mechanical Engineering 6222: Theory of Elasticity
- File #2035.1 Mechanical Engineering 6659: Advanced Topics in Design and Manufacturing
- File #712.1 Mechanical Engineering 6663: Advanced Digital Design and Manufacturing
- File #4240 Metallurgical Engineering 3340: Ferrous Microstructures (approved as EC File #4262)
- File #1290.1 Metallurgical Engineering 4450: Steelmaking
- File #1455.1 Metallurgical Engineering 5450: Advanced Steelmaking
- File #4073.4 Metallurgical Engineering 5620: Materials Behavior
- File #4228 Nuclear Engineering 4345: Nuclear Engineering Mathematical Methods
- File #2005.1 Petroleum Engineering 1110: Introduction to Petroleum Engineering
- File #990.1 Petroleum Engineering 4211: Advanced Drilling Technology
- File #4246 Philosophy 3204: Ancient Philosophy
- File #179.1 Political Science 2760: Contemporary Political Thought
- File #4247 Technical Communication 3570: Writing in the Sciences
- File #2442.1 Technical Communication 4085: Internship
- File #1807.3 Technical Communication 4410: Theory and Practice of Technical Communication
- File #1937.3 Technical Communication 4450: International Dimensions of Technical Communication

For the information of the Faculty Senate, the following EC forms have been submitted by the University departments for an experimental course that will be offered in the near future:

- File #4238 Electrical Engineering 5001.001: High Frequency Sensors and Sensing Systems
- File #4242 Explosives Engineering 6001.001: Special Explosive Applications
- File #4245 Psychology 3001.001: Drugs and Behavior
- File #4248 Russian 5001.001: Advanced Russian Phonetics and Intonation
- File #4243 Statistics 6001.001: Statistical Methods for Bioinformatics
- File #4244 Technical Communication 5001.001: Content Strategy

For full details of the above listed curriculum forms, see the September 29, 2015 meeting minutes of the Campus Curricula Committee at: <http://registrar.mst.edu/currcom/cccmeetings/>.



Ilene H. Morgan, Chair
Missouri S&T Campus Curricula Committee