



To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: August 18th, 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 #143.13 Architectural Engineering: Architectural Engineering BS
File #152.14 Civil Engineering: Civil Engineering BS
File #153.26 Computer Engineering: Computer Engineering BS
File #108.1 Petroleum Engineering: Petroleum Engineering BS

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 #4219 Architectural Engineering 3803: Building Electrical Systems
File #2069.1 Architectural Engineering 3805: Building Lighting Systems
File #2267.1 Art 1190: Achieving a Life of Art
File #4231 Ceramic Engineering 3110: Introduction to Biomedical Engineering
File #1759.1 Chemistry 1310: General Chemistry I
File #1885.1 Chemistry 1320: General Chemistry II
File #1098.1 Chemistry 2220: Organic Chemistry II
File #195.1 Civil Engineering 2003: Engineering Communications and Computations
File #4205 Computer Engineering 1200: Introduction to Digital Electronics
File #2375.2 Computer Engineering 5450: Digital Image Processing
File #180.3 Computer Engineering 5460: Machine Vision
File #2280.1 Computer Engineering 6330: Clustering Algorithms
File #705.1 Electrical Engineering 5160: Computer-Aided Network Design
File #904.1 Electrical Engineering 5170: Introduction to Circuit Synthesis
File #2076.1 Electrical Engineering 5320: Neural Networks Control and Applications
File #2530.1 Electrical Engineering 5330: Fuzzy Logic Control
File #958.1 Electrical Engineering 5400: Digital Signal Processing II
File #486.1 Electrical Engineering 5650: Microwave and Millimeter Wave Engineering and Design
File #1281.1 Electrical Engineering 6400: Advanced Digital Signal Processing
File #1466.1 Music 1133: Highland Pipe Band
File #2465.1 Music 1142: Collegium Musicum – King’s Musicke
File #1171.1 Music 1143: Collegium Musicum – Madrigal Singers



- File #4189 Petroleum Engineering 3320: Petrophysics
- File #1975.1 Petroleum Engineering 4710: Finite Element Analysis with Applications in Petroleum Engineering
- File #2185.4 Petroleum Engineering 6231: Drilling Optimization
- File #1754.1 Philosophy 3205: Early Modern Philosophy

Tabled CC Forms:

File #4228 Nuclear Engineering 4345: Applied Mathematics in Nuclear Engineering was tabled pending further review.

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 #4215 Biological Sciences 4001.001: Mammal Ecology
- File #4217 Chemistry 6001.001: Advanced Analytical Techniques for Small Biomolecules and Nanoparticles
- File #4210 Computer Science 1001.001: Data Structures Laboratory
- File #4212 Information Science & Technology 4001.001: Human and Organizational Factors in Information Assurance
- File #1471.1 Information Science & Technology 5001.001: Privacy and Information Security Law
- File #4213 Information Science & Technology 6001.001: Advanced Human and Organizational Factors in Information Assurance
- File #4233 Mechanical Engineering 6001.001: Advanced Optical Materials and Structures
- File #4237 Petroleum Engineering 5001.001: Geomechanical Applications in Petroleum Engineering
- File #4230 Philosophy 3001.001: Kant and 19th Century Philosophy
- File #4216 Political Science 4001.001: Environmental Politics and Policy
- File #4218 Theatre 2001.001: Voice, Diction and Interpretation

For full details of the above listed curriculum forms, see the August 18, 2015 meeting minutes of the Campus Curricula Committee at: <http://registrar.mst.edu/currcom/ccmeetings/>.

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