To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: January 9, 2018 Meeting

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: 942.1 ARCH ENG 4800: Principles of HVAC I
File: 2069.5 ARCH ENG 4820: Building Lighting Systems
File: 4219.5 ARCH ENG 4850: Building Electrical Systems
File: 2151.1 BIO SCI 2263: Ecology
File: 1513.1 BIO SCI 2383: Plant Biology
File: 2531.1 BIO SCI 3233: Evolution
File: 1843.1 BIO SCI 3313: Microbiology
File: 4501 CHEM ENG 6180: Advanced Applications of Computational Fluid Dynamics
File: 4070.7 CIV ENG 5515: Advanced Traffic Operations and Capacity Analysis
File: 4479 CIV ENG 5635: Phytoremediation and Natural Treatment Systems: Science and Design
File: 110.2 COMP SCI 1200: Discrete Mathematics for Computer Science
File: 774.1 ECON 6440: Advanced Environmental and Natural Resource Economics
File: 1737.1 ECON 6540: Advanced Energy Economics
File: 4499 FINANCE 5310: Financial Modeling
File: 2391.6 IS&T 4335: Fundamentals of Mobile Technology for Business
File: 1871.6 IS&T 6335: Mobile Technology for Business
File: 2342.7 PSYCH 5010: Seminar for Industrial/Organizational Psychology
File: 4500 PSYCH 5020: Introduction to Industrial-Organizational Psychology
File: 719.1 SYS ENG 6110: Risk Modeling and Optimization under Uncertainty

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: 143.20 ARC ENG-BS: Architectural Engineering BS
File: 230.12 AUTOENG-MI: Minor in Automation Engineering
File: 156.7 GE ENG-BS: Geological Engineering BS
File: 238.6 HCI-MI: Human-Computer Interaction and User Experience Minor
File: 234.20 INORGPS-MS: Industrial Organizational Psychology MS
File: 121.1 PRE LAW-MI: Pre Law Minor
File: 255  PROPOSED: Business Applications and Software Development Minor
File: 249  PROPOSED: Master of Science in Explosive Technology
File: 256  PROPOSED: Minor in Financial Technology (FinTech)

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: 4492  BIO SCI 5001.001: Ichthyology
File: 4497  BIO SCI 5001.002: Population and Conservation Genetics
File: 4440  CHEM ENG 4001.001: Introduction to Phase Equilibrium
File: 4491  CIV ENG 4001.001: Infrastructure Sustainability through Recycling
File: 4490  CIV ENG 6001.002: Pavement Management, Evaluation and Rehabilitation
File: 4494  COMP SCI 3001.002: Introduction to Data Science
File: 4496  ELEC ENG 3001.001: Intelligent Robotics
File: 4488  ELEC ENG 6001.006: Introduction to Nonlinear Optics
File: 4504  HISTORY 3001.003: Slavery in the Atlantic World
File: 4502  MECH ENG 6001.002: Fundamentals of Metal Additive Manufacturing Processes
File: 4498  NUC ENG 2001.001: Professional Development for Nuclear Engineers

For full details of the above listed curriculum forms, see the January 9, 2018 meeting minutes of the Campus Curricula Committee at: http://registrar.mst.edu/currcom/cccmeetings/

Stephan A. Raper, Chair
Missouri S&T Campus Curricula Committee