



**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/ccmeetings/>

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