

To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: May 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: 4470.3	BUS 5730: Machine Learning and Artificial Intelligence for Business
File: 2375.8	COMP ENG 5450: Digital Image Processing
File: 180.9	COMP ENG 5460: Machine Vision
File: 2214.3	ELEC ENG 4096: Electrical Engineering Senior Project I
File: 904.3	ELEC ENG 5170: Introduction To Circuit Synthesis
File: 898.4	ELEC ENG 5210: Fourier Optics
File: 2538.1	ELEC ENG 5600: Interference Control in Electronic Systems
File: 2431.3	ENG MGT 4110: General Management-Design and Integration
File: 4407.5	IS&T 5520: Data Science and Machine Learning with Python
File: 4471.6	IS&T 5535: Machine Learning Algorithms and Applications
File: 1250.1	GEO ENG 5331: Subsurface Hydrology
File: 1890.9	GEOLOGY 1141: Physical Oceanography
File: 2611.1	GEOLOGY 4310: Remote Sensing Technology
File: 1603.5	MECH ENG 5763: Computer Aided Design: Theory and Practice
File: 689.1	PET ENG 4511: Applied Petroleum Reservoir Engineering

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: 146.21	BIO SC-BA: Biological Sciences BA
File: 147.13	BIO SC-BS: Biological Sciences BS
File: 186.18	BUS AD-MBA: Business Administration MBA
File: 14.11	CH ENG-MS: Chemical Engineering MS
File: 151.3	CHEM-BA: Chemistry BA
File: 153.47	CP ENG-BS: Computer Engineering BS
File: 155.40	EL ENG-BS: Electrical Engineering BS
File: 44.26	ENG MG-BS: Engineering Management BS
File: 46.9	ENG MG-MS: Engineering Management MS
File: 45.8	ENG MGT-MI: Engineering Management Minor
File: 261.1	FR ENG-UN: Freshman Engineering Program
File: 156.18	GE ENG-BS: Geological Engineering BS
File: 64.23	GL&GPH-BS: Geology and Geophysics BS
File: 157.18	HIST-BA: History BA
File: 75.23	IST-BS: Information Science and Tch BS
File: 115.24	PHYSIC-BS: Physics BS
File: 131.9	SYS EN-PHD: Systems Engineering PhD

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: 4535	CIV ENG 5001.002: Environmental Water Resources Field Methods
File: 4539	HISTORY 3001.004: World War I: A Global Perspective
File: 4538	PET ENG 6001.010: Advanced Applied Reservoir Engineering

For informational purposes, the Campus Curricula Committee has reviewed the Undergraduate Certificate in Automation Engineering.

For full details of the above listed curriculum forms, see the May 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



To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: May 31, 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: 4532	CHEM ENG 4540: Energy Engineering and Economics
File: 2127.1	COMP SCI 2200: Theory of Computer Science
File: 813.1	COMP SCI 2300: File Structures and Introduction to Database Systems
File: 2507.6	COMP SCI 2500: Algorithms
File: 184.1	COMP SCI 3800: Introduction to Operating Systems
File: 2489.1	COMP SCI 5201: Object-Oriented Numerical Modeling I
File: 1617.1	COMP SCI 5403: Introduction to Robotics
File: 4542	COMP SCI 6204: Applied Graph Theory for Computer
File: 856.1	ELEC ENG 2120: Circuits II
File: 4540	ELEC ENG 6565: Power System Protection II
File: 4547	IS&T 1561: Algorithms and Programming with Java
File: 4548	IS&T 1562: Java and Data Structures

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: 145.9	BIOINFO-MI: Bioinformatics Minor
File: 34.5	CMP SC-PHD: Computer Science PhD
File: 163.2	EL ENG-MS: Electrical Engineering MS
File: 38.15	ECON-BA: Economics BA
File: 75.23	IST-BS: Information Science and Tch BS
File: 108.17	PE ENG-BS: Petroleum Engineering BS

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: 4541	ELEC ENG 5001.006: Microgrids Systems and Architectures
File: 4532	EXP ENG 5001.001: Underwater Blasting
File: 4536	EXP ENG 6001.004: Post Blast Forensic Analysis
File: 4546	HISTORY 3001.005: Slavery and Abolition in the Atlantic World
File: 4545	NUC ENG 6001.005: Nuclear RELAP5 Thermal Hydraulic Analysis

The Curricula Committee recommended the approval of a minor creation policy to the Faculty Senate.



For full details of the above listed curriculum forms, see the May 31, 2018 meeting minutes of the Campus Curricula Committee at: <http://registrar.mst.edu/currcom/cccmeetings/>

A handwritten signature in black ink that reads "Stephen A. Raper".

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