



To: Faculty Senate
From: Missouri S&T Campus Curricula Committee
Re: Meeting on May 19, 2014

The Missouri S&T Campus Curricula Committee recommends to the Faculty Senate that the name change on the following NC form be approved:

- Change name of Geological Sciences and Engineering department to Geosciences and Geological and Petroleum Engineering

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

File #7.6	AP Math: Applied Mathematics MS
File #146.1	Biological Sciences: Biological Sciences BA
File #147.1	Biological Sciences: Biological Sciences BS
File #25.1	Electrical and Computer Engineering: Computer Engineering Minor
File #149.14	Ceramic Engineering: Ceramic Engineering BS
File #152.4	Civil Engineering: Civil Engineering BS
File #155.1	Electrical and Computer Engineering: Electrical Engineering BS
File #231.2	Electrical and Computer Engineering: Minor in Electrical Engineering
File #225	Mining and Engineering: Explosives Engineering PhD
File #157.1	History: History BA
File #85.3	Mathematics: Mathematics PhD
File #86.25	Mechanical Engineering: Mechanical Engineering BS
File #94.1	Mining & Nuclear Engineering: Mineral Process Engineering Minor
File #104.1	Mining & Nuclear Engineering: Nuclear Engineering BS
File #105.1	Mining & Nuclear Engineering: Nuclear Engineering Minor
File #235	Proposed: Humanitarian Engineering and Science Minor
File #192.1	Psychology: Psychology BA
File #132.5	TCH COM: Technical Communication BS
File #181.5	TCH COM: Technical Communication Minor

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

- File #964.1 Biological Sciences 2213: Cell Biology
- File #1363.1 Biological Sciences 3333: Human Anatomy and Physiology I
- File #1939.1 Biological Sciences 3343: Human Anatomy and Physiology II
- File #2633.1 Biological Sciences 4010: Seminar
- File #4056 Biological Sciences 4666: Nanobiotechnology
- File #4057 Biological Sciences 3343: Advanced Nanobiotechnology in Biomedicine
- File #2317.8 Business 4150: Customer Focus and Satisfaction
- File #1272.3 Business 4675: International Business
- File #507.1 Business 5360: Business Operations
- File #2318.5 Business 6150: Advanced Customer Focus and Satisfaction
- File #2146.3 Business 6675: Advanced International Business
- File #4070 Civil Engineering 5515: Advanced Traffic Signal Operations
- File #370.1 Civil Engineering 6714: Measurement of Soil Properties
- File #475.1 Computer Engineering 3110: Computer Organization and Design
- File #1627.1 Computer Engineering 3150: Digital Systems Design
- File #2329.1 Computer Engineering 3151: Digital Engineering Lab II
- File #71.1 Computer Engineering 4151: Digital Systems Design Laboratory
- File #764.1 Computer Engineering 4160: Embedded Processor System Design
- File #1081.1 Computer Engineering 5120: Digital Computer Design
- File #1770.1 Computer Engineering 5130: Advanced Microcomputer Systems Design
- File #716.1 Computer Engineering 5170: Real-Time Systems
- File #550.1 Computer Engineering 6120: Advanced Computer Architecture II
- File #2051.1 Computer Engineering 6220: Design Automation of VLSI Systems
- File #4069 Computer Science 3601: Digital Forensics
- File #4059 Computer Engineering 6304: Cloud Computing and Big Data Management
- File #554.1 Electrical Engineering 3320: Control Systems
- File #4049 Electrical Engineering 3321: Control Systems Laboratory
- File #2074.1 Electrical Engineering 3410: Digital Signal Processing
- File #4051 Electrical Engineering 3430: Digital Communications I
- File #4052 Electrical Engineering 3431: Digital Communications Laboratory
- File #4053 Electrical Engineering 3440: Digital Communications II
- File #898.1 Electrical Engineering 5210: Fourier Optics
- File #2343.1 English 1107: IEP American English Articulation
- File #32.1 English 2560: Technical Marketing Communication

File #976.1	English 3219: The British Novel II
File #2527.1	ERP 6610: Advanced Customer Relationship Management in ERP Environment
File #2577.1	French 1101: Elementary French I
File #4077	Geological Engineering 1810: Humanitarian Engineering and Science Colloquium
File #4076	Geological Engineering 1880: Civic Engagement
File #2218.1	Geological Engineering 5211: Introduction to International Engineering and Design Lab
File #1890.1	Geology 1141: Physical Oceanography
File #830.1	Geology 2096: Field Geology
File #809.1	Geology 3310: Structural Geology
File #4027	Geology 3319: Structural Geology Lab
File #831.1	Geology 4097: Advanced Field Geology
File #1893.1	Geology 4721: Meteorology and Climatology
File #1793.1	Geology 5631: Carbonate Petrology
File #1511.1	Geology 5641: Advanced Igneous Petrology
File #1897.1	Geology 5679: Field and Laboratory Studies in Earth Science
File #1896.1	Geology 6421: Environmental Geology
File #1895.1	Geology 6541: Geology of Natural Resources
File #951.1	German 1101: Elementary German I
File #4080	History 3246: War and Gender in Twentieth-Century Europe
File #935.4	IS&T 4261: Information Systems Project Management
File #2391.5	IS&T 4335: Fundamentals of Mobile Technology for Business
File #925.4	IS&T 4641: Electronic and Mobile Commerce
File #920.5	IS&T 4654: Web and Digital Media Development
File #2254.4	IS&T 6261: Advanced Information Systems Project Management
File #1871.4	IS&T 6335: Mobile Technology for Business
File #961.1	IS&T 6641: Advanced Electronic and Mobile Commerce
File #445.1	IS&T 6654: Advanced Web and Digital Media Development
File #1614.4	IS&T 6680: Advanced Web and New Media Studies
File #2659.1	Math 4530: Topics in Geometry
File #1578.1	Math 5530: Topics in Geometry
File #4060	Math 6601: Numerical Analysis
File #4061	Math 6602: Mathematical Foundation of Finite Element Methods
File #4071	Mechanical Engineering 5537: Fuel Cell Principles
File #4058	Mechanical Engineering 6704: Mechanics of Machinery
File #460.1	Metallurgical Engineering 3130: Metals Microstructural Development
File #4074	Metallurgical Engineering 4425: Metals Casting Lab
File #4073	Metallurgical Engineering 5620: Materials Behavior

File #1229.6 Marketing 6580: Advanced Marketing Strategy
File #4087 Nuclear Engineering 3377: Nuclear Forensics and Radiochemistry
File #4088 Nuclear Engineering 4253: Monte Carlo Approach to Reactor Analysis
File #4062 Petroleum Engineering 4099: Undergraduate Research
File #4054 Petroleum Engineering 4109: Field Studies
File #4082 Psych 6085: Internship
File #4075 Psych 6099: Research
File #4083 Psych 6210: Advanced Research Methods
File #4081 Psych 6702: Personnel Selection
File #1697.1 Russian 1101: Elementary Russian I
File #1898.1 SP&M S 3270: Leadership Practices
File #2528.1 Spanish 1101: Elementary Spanish I
File #1573.1 Spanish 2101: Basic Spanish Conversation
File #1563.1 Spanish 4311: Advanced Spanish Conversation
File #1313.1 TCH COM 3010: Seminar
File #2231.1 TCH COM 3440: Theory of Visual Technical Communication
File #1807.1 TCH COM 4410: Theory and Practice of Technical Communication
File #1937.1 TCH COM 4450: International Dimensions of Technical Communication
File #1362.1 TCH COM 4520: Help Authoring
File #1484.1 TCH COM 5010: Seminar
File #1753.1 TCH COM 5510: Technical Editing
File #715.1 TCH COM 5530: Usability Studies
File #2098.1 TCH COM 5550: Advanced Proposal Writing
File #817.1 TCH COM 5560: Web-Based Communication
File #1198.1 TCH COM 5610: History of Technical Communication
File #1402.1 TCH COM 5620: Research Methods in 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 #4050 Electrical Engineering 4001: Circuits and Systems Laboratory Propulsion Systems
File #4063 Geology 4001: Carbonate Sedimentology
File #4068 Aerospace Engineering 6001: The Thermo-Fluid Dynamics of Advanced Aerospace Propulsion Systems
File #4085 Electrical Engineering 5001: PLC Motion Control
File #4064 Geological Engineering 6001: Advanced Engineering Geology and Geotechnics
File #4065 Geological Engineering 6001: Field Methods for Site Investigation

File #4090	History 4001: Chicago: Architecture, History, and Technology
File #4066	Mining Engineering 6001: Advanced Flotation
File #4067	Mining Engineering 6001: Coal Processing Plant Design
File #4086	Petroleum Engineering 5001: Advanced Mechanical Earth Modeling
File #4084	Russian 3001: Scientific Russian

For full details of the above listed curriculum forms, see the May 19, 2014 meeting minutes of the Campus Curricula Committee at: <http://registrar.mst.edu/currcom/ccmeetings/>.

- The 2014-2015 Campus Curricula Committee members have elected Dr. Thomas Schuman as their chair, who accepted the position. The new committee and chair appointments are effective August 1st 2014.
- The Committee unanimously voted to recommend the following new Experimental Course (EC) policy to Faculty Senate:
An EC form must be submitted before an experimental course is to be offered. An EC form allows an experimental course to be offered unlimited times during the five year period following its approval. A CC form may be submitted to request a permanent course number, if that course has been offered experimentally at least two times during the preceding five year period.



Daniel Tauritz, Chair
Missouri S&T Campus Curricula Committee