



Faculty Senate Meeting Agenda

Location	Computer Science 221 – in-person attendance required for voting Zoom – for non-voting attendees https://umsystem.zoom.us/j/97812306837?pwd=bUMrCwGPcVwhAx6fn1LxgCJDygnbo4.1 Passcode: 0000
Date	26 June 2025
Time	2:00 PM

1. Call to Order (2:00 PM) D. Westenberg
2. Roll Call J. Schlegel
3. Consent Agenda D. Westenberg
 - a. Curriculum Committee Report
 - b. Approval of 24 April 2025 minutes
4. President's Report D. Westenberg
5. Campus Reports
 - a. Staff Council K. Walkup
 - b. Student Council A. Pickett
 - c. Council of Graduate Students
6. Special Topics
 - a. Digital Accessibility S. Murray
7. Reports of Standing Committees
 - a. Administrative Review K. Erickson
 - b. Budgetary Affairs B. Lea
 - c. Information Technology and Computing D. Stutts
 - d. Personnel D. Westenberg
 - e. Public Occasions A. Behrendt
8. Unfinished Business D. Westenberg
 - a. None
9. New Business D. Westenberg
 - a. None
10. Q&A With Acting Provost M. Dehghani
11. Announcements D. Westenberg
12. Adjourn



MISSOURI UNIVERSITY OF
SCIENCE AND TECHNOLOGY
— ROLLA, MISSOURI —

Faculty Senate

Dave Westenberg, President
Paul Runnion, President-Elect
Joshua Schlegel, Secretary
Michael Gosnell, Parliamentarian

Faculty Senate Meeting Consent Agenda

Location	Computer Science 221 – in-person attendance required for voting Zoom – for non-voting attendees https://umsystem.zoom.us/j/92775992200?pwd=MQ4y1kWiAGtGp5qHXPRyPThlVJltz4.1 Passcode: 0000
Date	26 June 2025
Time	2:00 PM

1. Curriculum Committee Report
2. Minutes from 24 April 2025

P. DeWitt
J. Schlegel

Motion from the Public Affairs Committee:

The Public Occasions Committee moves to combine the Master's and Doctoral graduation ceremonies so that, beginning with the Fall 2025 term, both take place at the Friday evening commencement ceremony.

Motion from the Personnel Committee:

The Personnel Committee moves to endorse the draft teaching improvement plan form and guidelines.

To: Faculty Senate
From: Missouri S&T Campus Curricula Committee (May 13th, 2025, meeting)
Re: June 26th, 2025, 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: 10298	ART 1715 : Popular Applied Arts
File: 4172	BIO SCI 2252 : Vegetation of the Ozarks
File: 122	BIO SCI 2333 : Nutrition
File: 1712	BIO SCI 2372 : Issues in Public Health
File: 4851	BIO SCI 3363 : Ecophysiology
File: 5609	BIO SCI 3383 : Plant Physiology
File: 5614	BIO SCI 4313 : Introduction to Environmental Microbiology
File: 4642	BIO SCI 4316 : Introduction to Geomicrobiology
File: 4544	BIO SCI 4423 : Introduction to Astrobiology
File: 4816	BIO SCI 4663 : Animal Behavior
File: 5633	BIO SCI 5423 : Advanced Biodiversity
File: 4894	BIO SCI 5453 : Forest Insect Diversity & Ecology
File: 4893	BIO SCI 5523 : Ichthyology
File: 4720	BUS 1414 : The Inclusive Workplace
File: 5701	CER ENG 3230 : Thermodynamics of Materials
File: 5704	CER ENG 3410 : Characterization Of Inorganic Solids
File: 5708	CER ENG 4096 : Materials Senior Design I
File: 5709	CER ENG 4097 : Materials Senior Design II
File: 10255	CHEM 1305 : Fundamentals of General Chemistry
File: 10254	COMP SCI 6409 : Advanced Virtual Reality
File: 4937	ECON 3333 : Computational Economics
File: 4943	ECON 5380 : Data Intelligence using Case Studies
File: 2	EDUC 1040 : Perspectives In Education
File: 2086	EDUC 1104 : Teacher Field Experience I
File:10250	EDUC 1111 : Substitute Teacher Training
File: 770	EDUC 1164 : Teacher Field Experience II
File: 2087	EDUC 1174 : School Organization and Administration For Teachers
File: 4746	EDUC 2401 : School, Family, and Community Partnerships
File: 1771	EDUC 3215 : Teaching Reading in Elementary and Early Childhood Settings
File: 1870	EDUC 3218 : Language Arts for Elementary and Early Childhood Teachers
File: 4517	EDUC 3220 : Teaching Science in the Elementary and Early Childhood Classroom
File: 2541	EDUC 3221 : Methods of Teaching Math
File: 4562	EDUC 3290 : Coordination of Cooperative Education
File: 2481	EDUC 3335 : Curriculum And Instruction Of The Middle School
File: 1839	EDUC 3340 : Assessment of Student Learning
File: 4518	EDUC 3530 : Teaching Integrated Social Studies and Humanities
File: 4927	EDUC 4600 : Learning Problems in Math

File: 4552	GEO ENG 5810 : Fundamentals of Space Resources
File: 10268	GEO ENG 6150 : Capstone Project in Geospatial Engineering
File: 10294	GEO ENG 6321 : Advanced Mapping with Drones
File: 10266	GEOPHYS 6403 : Advanced Positioning, Navigation, and Timing
File: 10271	GEOPHYS 5432 : Potential Field Theory
File: 10269	GEOPHYS 6232 : Introduction to Satellite Geodesy
File: 10265	GEOPHYS 6401 : Introduction to Positioning, Navigation, and Timing
File: 2441	IS&T 3131 : Computing Internals and Operating Systems
File: 925	IS&T 4641 : Digital Commerce and IoT Analytics
File: 940	MATH 3304 : Elementary Differential Equations
File: 10131	MIN ENG 5922 : Tunneling & Underground Construction Techniques
File: 9182	PET ENG 2510 : Properties of Hydrocarbon Fluids
File: 4189	PET ENG 3320 : Petrophysics
File: 25	PSYCH 5710 : Advanced Human Factors
File: 10279	SEMI ENG 1100 : Engineering in the Silicon Age
File: 10280	SEMI ENG 2100 : Fundamentals of Semiconductor Materials
File: 10281	SEMI ENG 3019 : Cleanroom Facilities and Practices Laboratory
File: 10282	SEMI ENG 3100 : Semiconductor Materials Processing
File: 10283	SEMI ENG 3101 : Semiconductor Materials Processing Laboratory
File: 10284	SEMI ENG 4100 : Semiconductor Device Simulation
File: 10285	SEMI ENG 4101 : Semiconductor Device Fabrication and Testing Laboratory
File: 10286	SEMI ENG 4200 : Semiconductor Process Simulation
File: 10287	SEMI ENG 4300 : Polymers for Semiconductor Devices and Processes
File: 10288	SEMI ENG 4400 : Microelectronics Packaging and Integration
File: 903	SP&M S 3250 : Interpersonal Communication

The Missouri S&T Campus Curricula Committee recommends to the Faculty Senate that the course and degree requirement changes requested on the following Program Change forms be approved:

File: 358	ADV MAT-CT : Advanced Engineering Materials Certificate
File: 280	ADVCNTL-CT : Advanced Control Systems CT
File: 141	AE ENG-BS : Aerospace Engineering BS
File: 239	ANA&DTA-MI : Business Analytics and Data Science Minor
File: 142	AP MATH-BS : Applied Mathematics BS
File: 7	AP MATH-MS : Applied Mathematics MS
File: 143	ARC ENG-BS : Architectural Engineering BS
File: 146	BIO SC-BA : Biological Sciences BA
File: 147	BIO SC-BS : Biological Sciences BS
File: 407	BIOMED-BS : Biomedical Engineering BS
File: 148	BUS&MS-BS : Business and Mgmt Systems BS
File: 150	CH ENG-BS : Chemical Engineering BS
File: 151	CHEM-BA : Chemistry BA
File: 16	CHEM-BS : Chemistry BS
File: 386	CM ENG-CT : Carbon Management Engineering CT

File: 28	CMP SC-BS : Computer Science BS
File: 153	CP ENG-BS : Computer Engineering BS
File: 149	CR ENG-BS : Ceramic Engineering BS
File: 184	CR ENG-MS : Ceramic Engineering MS
File: 185	CR ENG-PHD : Ceramic Engineering PhD
File: 152	CV ENG-BS : Civil Engineering BS
File: 297	DSCMGMT-CT : Digital Supply Chain Mgmt CT
File: 396	E ECON-CTU : Energy Economics – CTU
File: 39	ECON-BS : Economics BS
File: 344	EDUC-BS : Education BS
File: 155	EL ENG-BS : Electrical Engineering BS
File: 44	ENG MG-BS : Engineering Management BS
File: 374	ENGL TC-BS : English & Technical Communication BS
File: 50	ENTPRNS-MI : Entrepreneurship Minor
File: 382	ENV SCI-BS : Environmental Science BS
File: 51	EV ENG-BS : Environmental Engineering BS
File: 307	EXP TC-CT : Explosives Technology CT
File: 256	FIN TCH-MI : Minor in Financial Technology, Analytics and Transformation
File: 156	GE ENG-BS : Geological Engineering BS
File: 64	GL&GPH-BS : Geology and Geophysics BS
File: 157	HIST-BA : History BA
File: 242	HISTORY-BS : Bachelor of Science in History
File: 314	IA&SOES-CT : Info Assurance & Sec Essn CT
File: 388	INTRCU-CTU : Intercultural Studies CTU
File: 356	IRON-CT : Iron and Steel Metallurgy Certificate
File: 75	IST-BS : Information Science and Tch BS
File: 167	MAT S E-MS : Materials Science and Engr MS
File: 204	MAT SE-PHD : Materials Science and Engr PhD
File: 357	MATEXTR-CT : Materials for Extreme Environments Certificate
File: 86	MC ENG-BS : Mechanical Engineering BS
File: 377	MED LAB : Biological Sciences BS with Emphasis area in Medical Laboratory Scientist
File: 95	MI ENG-BS : Mining Engineering BS
File: 90	MT ENG-BS : Metallurgical Engineering BS
File: 91	MT ENG-MS : Metallurgical Engineering MS
File: 209	MT ENG-PHD : Metallurgical Engineering PhD
File: 103	MULTI-BA : Multidisciplinary Studies BA
File: 104	NU ENG-BS : Nuclear Engineering BS
File: 170	NU ENG-MS : Nuclear Engineering MS
File: 211	NU ENG-PHD : Nuclear Engineering PhD
File: 342	NUNOPRO-CT : Nuclear Nonproliferation CT
File: 108	PE ENG-BS : Petroleum Engineering BS
File: 233	PHIL-BS : Philosophy BS
File: 115	PHYSIC-BS : Physics BS

File: 423 PROPOSED : Geospatial Engineering MS
File: 425 PROPOSED : Materials Science and Engineering Minor
File: 424 PROPOSED : Semiconductor Engineering BS
File: 192 PSYCH-BA : Psychological Science BA
File: 193 PSYCH-BS : Psychological Science BS
File: 399 Q ECON-MI : Quantitative Economics Minor
File: 378 TEACH-CTU : Teaching and Learning Undergraduate Certificate

For the information of the Faculty Senate, the following EC form has been submitted by a university department for an experimental course that will be offered in the near future:

File: 512 BUS 5001.014: Corporate Entrepreneurship and Ecosystem Strategy
File: 513 BUS 5001.015: Entrepreneurial Finance and Funding Strategies
File: 516 CHEM ENG 5001.038: Green Engineering: Sustainable Chemical Process Design
File: 511 ENG MGT 3001.002: Introduction to Data Analytics/Fundamentals of Business Analytics
File: 514 HISTORY 2001.008: History of Great Britain
File: 515 MATH 5001.009: Theoretical Foundations of Data Science I

For full details of the above-listed curriculum forms, see the May 13th, 2025 meeting minutes of the Campus Curricula Committee at: <http://registrar.mst.edu/currcom/cccm meetings/>

Petra DeWitt

Petra DeWitt, Chair
Missouri S&T Campus Curricula Committee