

UNIVERSITY SENATE CURRICULUM COMMITTEE AGENDA
February 8, 2018
Twamley Hall, Room 305

I Approval of Minutes from January 25, 2018.

II Old Business

➤ **Marcellin Zahui**

- BME 510 : Graduate Cooperative Education – New Course
- BME 599 : Doctoral Research – New Course
- BME 630 : Anatomy and Physiology for Biomedical Engineers – New Course
- BME 670 : Seminar for Biomedical Engineers – New Course
- BME 690 : Special Topics in Biomedical Engineering – New Course
- BME 996 : Continuing Enrollment – New Course
- BME 998 : MS Thesis – New Course
- BME 999 : PhD Dissertation – New Course
- CE-BS : B.S. in Chemical Engineering – Program Change
- CHE 102 : Introduction to Chemical Engineering – Course Change
- CHE 201 : Chemical Engineering Fundamentals – Course Change
- CHE 315 : Engineering Statistics and Design of Experiments – Course Change
- CHE 340 : Professional Integrity in Engineering – Course Change
- CHE 403 : Molecular Thermodynamics and Kinetics – New Course
- CHE 435 : Materials and Corrosion – Course Change
- CSCI 513 : Advanced Database Systems – Course Change
- CSCI 515 : Data Engineering and Management – Course Change
- CSCI 532 : High Performance Computing and Paradigms – Course Change
- CSCI 544 : Soft Computing – Course Change
- CSCI 547 : Scientific Visualization – Course Change
- CSCI 551 : Distributed Operating Systems – Course Change
- CSCI 552 : Cyber Physical Systems Security – New Course
- EE 526 : Engineering Systems Reliability – New Course
- EE 540 : Computer Networks Communications – Course Change
- EE 542 : Network Architectures – New Course
- EE 544 : Advanced Microwave Engineering – New Course
- EE 546 : Biomedical Signal Processing – New Course
- EE 551 : Cryptography Techniques and their VLSI Implementations – New Course
- EE 562 : Advanced Linear Programming Modeling – New Course
- EE 611 : Emerging Threats and Defenses – New Course
- EE 612 : Spread Spectrum Communications for Cyber Security – New Course
- EE 613 : Advanced Cyber Security Principles – New Course

- EE 614 : Applied Cryptography – New Course
- EE 615 : Cyber Forecasting – New Course
- EE 616 : Cyber-Physical Energy Systems Security – New Course
- EE 617 : Data Operations and Security – New Course
- EE 623 : Introduction to Smart Grid I – New Course
- EE 624 : Introduction to Smart Grid II – New Course
- EE 640 : Communication Protocols: OSI model and TCP/IP Protocol Stack – New Course
- EE 740 : Intrusion Detection Algorithms – New Course
- EE 748 : Internet of Things – New Course
- EE 750 : Internet of Things and Security – New Course
- EE 751 : Wireless Sensor Networks – New Course
- EE 752 : Introduction to Autonomous Systems – New Course
- EE 997 : Independent Study – Course Change
- EE-MS : MS in Electrical Engineering – Program Change
- PTRE 501 : Graduate Cooperative Education – New Course
- PTRE 511 : Advanced Petroleum Engineering Labs – Course Change
- PTRE 513 : Seismic Geomechanics – New Course
- PTRE 518 : Applied Methods of Data Science in Petroleum Engineering – New Course
- PTRE 522 : Petroleum System Evaluation – New Course
- PTRE 532 : Advanced Topics in Reservoir Engineering – New Course
- PTRE 544 : Advanced Topics in Reservoir Geomechanics – New Course
- PTRE 545 : Advanced Topics in Drilling Engineering – New Course
- PTRE 563 : Quantitative Seismology – New Course
- PTRE 572 : Advanced Numerical Reservoir Simulation – New Course
- PTRE 579 : Advanced Topics in Petrophysics – New Course
- PTRE 587 : Advanced Well Logging – New Course
- PTRE 589 : Applied MDS in Petroleum Engineering – New Course
- PTRE 593 : Selected Topics in Petroleum Engineering – Course Change
- PTRE 599 : Research – Course Change
- PTRE 996 : Continuing Enrollment – New Course

➤ Yi-Ping Hsieh

- NURS 540 : Applied Univariate Statistics – New Course
- NUR-DNP : Nursing-Doctor of Nursing Practice - Program Change
- N&D 245 : Nutrition Through the Life Cycle – Course Deletion
- N&D 325 : Nutrition Through the Life Cycle – New Course
- N&D 340 : Foodservice Systems Production – Course Deletion
- N&D 344 : Nutrition Education and Counseling – New Course
- N&D 380 : Food Service Production and Management – New Course
- N&D 440 : Foodservice Systems Management – Course Deletion

- N&D-BS-Diet : BS in Dietetics – Program Change
- N&D-BS : BS in Community Nutrition – Program Change
- N&D-Minor : Minor in Nutrition – Program Change

➤ Jeff VanLooy

- AVIT 239 : Autonomous Fundamentals – New Course
- AVIT 240 : UAS Enabling Concepts – New Course
- AVIT 450 : Counter UAS Applications – New Course
- AVIT-PhD-AS : PhD in Aerospace Sciences – Program Change

III New Business

➤ Charles Miller

- ART-BAVA : BA with Major in Visual Arts – Program Change
- ART-BFA : BFA with Major in Visual Arts – Program Change
- GEOG 452 : Selected Topics in Economic Geography – Course Deactivation
- Lang-Minor-Sp : Minor in Spanish – Program Change
- MUSC 201 : Rock and Roll History – Course Change
- MUSC 202 : MUSC 202 Rock & Roll History II: From 1975 to the Present – New Course
- MUSC 203 : Music and Culture – Course Change
- MUSC 232 : MUSC 232 Music Theory Review – New Course
- MUSC 234 : Music Theory IV: Music Theory since 1900 – Course Change
- MUSC 269 : Opera Workshop – Course Change
- MUSC 427 : Analysis of Musical Form – Course Change

➤ Jeff VanLooy

- AVIT 526 : UAS and the Law – New Course
- SPST 526 : Astronomical and Spacecraft Instrumentation

➤ Marcellin Zahui

- BME 997 : MS Project – New Course
- PtrE-BS : BS in Petroleum Engineering – Program Change

➤ Yi-Ping Hsieh

- N&D 543 : Advanced Topics in Lifecycle Nutrition – Course Change
- N&D 544 : Obesity and Eating Disorders – Course Change
- N&D 545 : Nutrition in Disease Prevention and Wellness – Course Change
- N&D 552 : Professional Nutrition Precepting – Course Change
- N&D 554 : Nutrigenomics – Course Change
- N&D 560 : Nutrition Counseling – Course Change
- SWk-BS : BS in Social Work – Program Change

- Zac Lunak
 - OT-MOT : Master of Occupational Therapy – Program Change

- Katherine Terras
 - T&L 345 : Curriculum Development and Instruction – Program Change