I A meeting of the University Senate Curriculum Committee was held on Thursday, February 8th in Room 305, Twamley Hall. Jeff VanLooy presided. Members present were Charles Miller, Katherine Terras, Yi-Ping Hsieh, Marcellin Zahui, Karyn Plumm, Katrina Kriewall, Ryan Zerr, Scott Correll, and Christina Fargo. Guest: Joe Vacek.

II Approval of Minutes from January 25, 2018.
   - Approved

III Old Business
   - AVIT-PhD-AS : PhD in Aerospace Sciences – Program Change
     - Jeff VanLooy presented the program change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

   - BME 510 : Graduate Cooperative Education – New Course
   - BME 599 : Doctoral Research – 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
     - Table. Updated syllabi needed.

   - BME 630 : Anatomy and Physiology for Biomedical Engineers – New Course
   - BME 670 : Seminar for Biomedical Engineers – New Course
     - Table. Updated course descriptions needed.

   - CE-BS : B.S. in Chemical Engineering – Program Change
   - CHE 403 : Molecular Thermodynamics and Kinetics – New Course
     - Marcellin Zahui presented the program change and new course request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

   - 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 435 : Materials and Corrosion – Course Change
     - Marcellin Zahui presented the course change requests and moved to approve. The motion was seconded, voted upon, and carried unanimously.
- 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
  - Marcellin Zahui presented the course change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- CSCI 552: Cyber Physical Systems Security – New Course
  - Marcellin Zahui presented the new course request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- EE 540: Computer Networks Communications – Course Change
  - Marcellin Zahui presented the course change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- EE 526: Engineering Systems Reliability – New Course
- 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 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
  - Marcellin Zahui presented the new course requests and moved to approve. The motion was seconded, voted upon, and carried unanimously.
- EE 997: Independent Study – Course Change
- EE-MS: MS in Electrical Engineering – Program Change
  - Table. Non-Thesis credit total should be 32 credit hours.

- PTRE 501: Graduate Cooperative Education – New Course
  - Table. Syllabus needed.

- PTRE 511: Advanced Petroleum Engineering Labs – Course Change
- PTRE 593: Selected Topics in Petroleum Engineering – Course Change
- PTRE 599: Research – Course Change
  - Marcellin Zahui presented the course change requests and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- 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 996: Continuing Enrollment – New Course
  - Marcellin Zahui presented the new course requests and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- NUR-DNP: Nursing-Doctor of Nursing Practice - Program Change
  - Yi-Ping Hsieh presented the program change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

- 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 380: Food Service Production and Management – New Course
- N&D 440: Foodservice Systems Management – Course Deletion
  - Yi-Ping Hsieh presented the course deletion and new course requests. The motion was seconded, voted upon, and carried unanimously. (Jeff VanLooy will contact department to switch from new course N&D 325/course deletion N&D 245 to a course change.)
N&D 344: Nutrition Education and Counseling – New Course
  • Yi-Pin Hsieh presented the new course request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

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
  • Yi-Ping Hsieh presented the program change requests and moved to approve. The motion was seconded, voted upon, and carried unanimously.

IV New Business
ART-BAVA: BA with Major in Visual Arts – Program Change
  • Charles Miller presented the program change request and move to approve. The motion was seconded, voted upon, and carried unanimously.

ART-BFA: BFA with Major in Visual Arts – Program Change
  • Charles Miller presented the program change request and move to approve. The motion was seconded, voted upon, and carried unanimously.

GEOG 452: Selected Topics in Economic Geography – Course Deactivation
  • Charles Miller presented the course deactivation request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

Lang-Minor-Sp: Minor in Spanish – Program Change
  • Charles Miller presented the program change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

MUSC 201: Rock and Roll History – Course Change
MUSC 202: MUSC 202 Rock & Roll History II: From 1975 to the Present – New Course
  • Charles Miller presented the course change and new course request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

MUSC 203: Music and Culture – Course Change
  • Charles Miller presented the course change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

MUSC 232: MUSC 232 Music Theory Review – New Course
  • Charles Miller presented the new course request and moved to approve. The motion was seconded, voted upon, and carried unanimously.
MUSC 234 : Music Theory IV: Music Theory since 1900 – Course Change

MUSC 269 : Opera Workshop – Course Change
- Charles Miller presented the course change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

MUSC 427 : Analysis of Musical Form – Course Change
- Charles Miller presented the course change request and moved to approve. The motion was seconded, voted upon, and carried unanimously.

V Announcements
- Next Meeting February 22 at 3:00 in Twamley 305.