

UNIVERSITY SENATE CURRICULUM COMMITTEE AGENDA

January 25, 2018

Twamley Hall, Room 305

I Approval of Minutes from December 14, 2017

II Old Business

➤ Yi-Ping

- NURS 540 : Applied Univariate Statistics – New Course

II New Business

- BIOL 571 : Advanced Biometry – Course Change
- BIOL-MS : MS in Biology – Program Change
- BIOL-PhD : PhD in Biology – Program Change

➤ Charles Miller

- ART 401 : Advanced Jewelry and Metalsmithing – Course Change
- ART 570 : Mixed Media – Course Change
- ART 573 : Time based Media Arts – Course Change
- ART 581 : Workshop – Course Deletion
- FA-MFA : Master of Fine Arts – Program Change

➤ Jeff VanLooy

- ATSC 997 : Independent Study Report (Non-Thesis Option) – Course Change
- AVIT 239 : Autonomous Fundamentals – New Course
- AVIT 240 : UAS Enabling Concepts – New Course
- AVIT 276 : OSHA Safety Standards for Industry – New Course
- AVIT 445 : Commercial Pilot-Helicopter Certification – Course Change
- AVIT 450 : Counter UAS Applications – New Course
- AVIT 501 : General Issues in Aviation/Aerospace – Course Change
- AVIT 510 : Aviation Public Policy and Regulations – Course Change
- AVIT 515 : Human Factors: Human Perceptions in Information Systems Design – Course Change
- AVIT 517 : Airline Labor Relations and Law – Course Change
- AVIT 997 : Independent Study – Course Change
- AVIT-BSAERO-UAS : BS in Aeronautics with Major in Unmanned Aircraft Systems Operations –Program Change
- AVIT-MS : MS in Aviation – Program Change
- AVIT-PhD-AS : PhD in Aerospace Sciences – Program Change

- AVIT-Spec-Safety : Aviation – Program Change
- BA-MBA : Master of Business Administration – Program Change

➤ **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 543 : Advanced Artificial Intelligence – 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

➤ **Katherine Terras**

- COUN 523 : Elementary School Counseling – Course Deletion
- COUN 524 : Middle School Counseling – Course Deletion
- COUN 525 : Secondary School Counseling – Course Deletion
- COUN 580 : Counseling Practicum – Course Change
- COUN 583 : Doctoral Practicum – Course Change
- COUN 589 : School Counseling Internship – Course Change
- COUN-BA/MAREhab : Combined Program in Counseling w/Rehabilitation Emphasis – Program Change
- COUN-MA : MA in Counseling Psychology & Community Services – Program Change
- COUN-PhD : PhD in Counseling Psychology – Program Change
- EDUC-SE-MS : MS in Special Education – Program Change

- HE-EdD : Higher Education – Program Change
- HE-PhD : Higher Education – Program Change
- SPED 500 : Education of the Visually Impaired – Course Change
- SPED 503 : Orientation and Mobility/Visually Impaired – Course Change
- SPED 504 : Communication Media and Methods/Visually Impaired – Course Change
- SPED 505 : Low Vision Assessment and Remediation – Course Change
- SPED 506 : Introduction to Emotional Disorders – Course Change
- SPED 510 : Early Intervention for Children with Special Needs – Course Change
- SPED 516 : Collaborative Authentic Assessment in Early Intervention – Course Change
- SPED 530 : Braille Code 1 – New Course
- SPED 531 : Braille Code 2 – New Course
- SPED 532 : Visual Impairment/Early Intervention – New Course
- SPED 555 : Advanced Methods: Emotionally Disturbed – Course Change
- SPED 557 : Progress Monitoring/Special Needs Students – Course Change
- SPED 560 : Introduction to Autistic Spectrum Disorder – Course Change
- SPED 561 : Methods for Autistic Spectrum Disorder – Course Change
- SPED 562 : Autistic Spectrum Disorder: Supports Across the Lifespan – Course Change
- SPED 563 : Autistic Spectrum Disorder: Medical Issues and Trends – Course Change
- SPED 566 : Autistic Spectrum Disorder Intensive Early Intervention – Course Change
- SPED 578 : Behavior Management for Special Needs Students – Course Change
- SPED 586 : Internship: Emotional Disturbance – Course Change

➤ **Matt Notbohm**

- ECON 505 : Advanced Macroeconomic Theory – Course Change
- ECON 524 : Advanced International Economics – Course Change
- ECON 534 : Applied Economic Analysis – Course Change
- ECON 545 : Applied Public Economics – Course Change
- ECON 596 : Applied Economics Research Seminar – Course Change
- ECON 997 : Independent Study – Course Change
- ENTR 250 : Imagination, Creativity and Entrepreneurial Thinking – Course Deletion
- ENTR 290 : Venture Initiation – Course Change
- ENTR 333 : New Product Development – New Course
- ENTR 375 : Small and Family Business – New Course
- ENTR 386 : Entrepreneurship: The Numbers – Course Change
- ENTR 390: Venture Implementation – Course Change
- ENTR 490 : Entrepreneurship Senior Seminar – Course Deletion
- Entr-BBA : BBA with Major in Entrepreneurship – Program Change
- FIN 397 : Cooperative Education – Course Change
- ISBC 300 : Application Development – Course Change
- ISBC 370 : Web Development – Course Change

- ISBC 430 : Database Programming – Course Change
- ISBC 490 : Information Systems Analysis and Design Seminar – Course Change
- ISBE-BBA : BBA with Major in Information Systems – Program Change
- ISBE-Minor : Minor in Information Systems – Program Change
- PA-BSPA/MPA/BA : BSPA/MPA or BA in Political Science/MPA Combined Degree – Program Change
- PA-Cert-HA : Certificate in Health Administration – Program Change
- PA-Cert-PA : Certificate in Public Administration – Program Change
- PA-Cert-Pol : Certificate in Policy Analysis – Program Change
- PA-Cert-SE : Certificate in Social Entrepreneurship – Program Change
- PA-MPA : Master of Public Administration – Program Change
- POLS 502 : Seminar: Problems in State and Local Governments – Course Change
- POLS 508 : Seminar: Legislative and Executive Processes – Course Change
- POLS 997 : Independent Study – Course Change

➤ **Zac Lunak**

- PT-DPT : Doctor of Physical Therapy – Program Change

➤ **Yi-Ping Hsieh**

- 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