

**Minutes DRAFT**  
**Graduate Council Curriculum Committee**  
**September 26, 2018**  
**2:30 p.m., Millican Hall 395E**

**Members Present:** Sonia Arellano, Andre Gesquiere, Art Weeks, Jihe (Jackie) Zhao, Elsie Olan, Diane Andrews, Olga Molina, Alex Rubenstein, Terrie Sypolt, Wei Wei

**Administrators and Guests Present:** Devon Jensen, Ali Gordon, Glenn Lambie, Sevil Sonmez, Aubrey Jayanama, Kiana Terrell, Jason Burrell, Qifeng Li, Vernet Lasrado, George Fulginiti, Richard Biehl, Kendall Cortelyou-Ward

**Recorder:** Emily Stettner

**Welcome and call to order.** Dr. Elsie Olan, chair, called the meeting to order at 2:34p.m. and welcomed the committee and guests. A quorum was established. Dr. Olan reviewed the responsibilities of this committee.

**Announcements.** Dr. Jensen gave a summary of the Curriculog implementation. He thanked the committee and the graduate community for their patience and help with getting Curriculog running. He requested that if there are any workflow issues or questions to please direct those to Dr. Jensen or Emily Stettner. Dr. Jensen explained the differences in program actions to suspend, inactivate, and terminate degree programs and the changes in accreditation requirements.

**Proxy voting.** Proxy voting was discussed. The members were generally opposed to having proxy votes and voted against this procedure.

**Revision of Biomedical Sciences MS and related Tracks including: Cancer Biology, Infectious Disease, Metabolic and Cardiovascular Sciences, and Neuroscience.**

Dr. Jackie Zhao explained the revision of the non-thesis master's program is to update three core courses so that each track has a course more specific to that field of study. The revisions should make the degree more career oriented, provide material specific courses to make tracks more concentrated on the subject matter, more teaching opportunities for new faculty, save on lab space, and save research related courses for PhD students. The program and tracks revision received unanimous approval.

**Inactivation of the Biomedical Sciences MS - Genetic Counseling Track.**

Dr. Zhao explained that the inactivation was due to difficulty in securing clinical sites. The track inactivation received unanimous approval.

**Inactivation of the Biotechnology MS- Professional Science Masters Track.**

Dr. Zhao explained that the inactivation was due to limited availability of business courses and internships, minimum interest and low enrollment for multiple years, and the high credit hour requirement of 42 credit hours. The track inactivation received unanimous approval.

**Courses.** To review the list of approved courses, please see the attached course minutes.

**Adjournment.** The meeting adjourned at 3:35p.m. The next meeting is scheduled for October 10, 2018.

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## Course Minutes draft

### 1.Course Additions

#### *College of Engineering and Computer Science course additions*

- EEL - 5464 - Introduction to Sensors (split level course)- **Approved**  
EEL - 6251 - Power System Optimization- **Approved. Change Pre-req to EEL 5255.**  
EEL - 6253 - Power System Resilience- **Approved. Change Pre-req to EEL 5255.**  
EIN - 5115 - Management Information Systems in Health Systems-**Tabled for course title revision**  
EIN - 6141 - Healthcare Systems Engineering Capstone-**Tabled for course title revision**  
EIN - 6358 - Advanced Engineering Economics in Health Systems-**Tabled for course title revision**  
ESI - 5218 - Statistics in Health Systems-**Tabled for course title revision**  
ESI - 5534 - Discrete Event Simulation in Health Systems-**Tabled for course title revision**  
ESI - 6226 - Quality Management in Health Systems-**Tabled for course title revision**  
ESI - 6352 - Risk Assessment & Management in Health Systems-**Tabled for course title revision**

### 2.Course Revisions

#### *College of Engineering and Computer Science course revisions*

##### **Approved**

##### **EEL - 5245 - Power Electronics**

The contact hours are being changed as the course currently has only lecture and no labs or discussion sessions- 3(2,1) changed to **3(3,0)**. Changed course number from 5245C to **5245**.

##### **Approved**

##### **EEL - 5439C - RF and Microwave ~~Communications~~ Active Circuits**

The title and description of this course are outdated. The new course title and description fit the content of the course much better. Also updating the prerequisites to reflect the dual courses EEL 4436C/**EEL 5437C**.

Description:

~~RF and Transmission line, microwave active-circuits-microstrip network theory, impedance matching, noise, power gain amplifier, low noise amplifier, power amplifier, oscillator, and mixer design and fabrication. Receiver design, noise, familiarization with network and spectrum analyzers~~ microwave communication system.

##### **Approved**

##### **EIN - 5248 – Ergonomics**

Deleting the laboratory requirements since many available expert system/simulation softwares can replace laboratory experimentations-3(2,2) changed to **3(3,0)**. Changed course number from 5248C to 5248. Prerequisites: **EIN 4360** or C.I.

Description:

Applications of anthropometry, functional anatomy, mechanics, and physiology of ~~musculoskeletal~~ **musculo-skeletal** system concepts in the **engineering** design of industrial tools, equipments, and workstations.