Agenda - Oct 20, 2014 - CSM Senate Meeting

Date: Monday, October 20th, 2014
Time: 2:30pm - 4:00pm
Location: CSM Dean's Office Conference Room

Agenda:

1. Approval of the September 15, 2014 meeting minutes.
2. Announcements
3. New business
   3a. Addition of ENGIN 332 - Fields and Waves II.
       **Motion:** To pre-approve the addition of ENGIN 332 - Fields and Waves II.
       **Rationale:** This is a 3-credit elective course to be taken by junior/senior level students in the BS EE program. It meets the requirement of elective courses to be taken as part of the Electrical Engineering major and is the foundational class of the planned RF/Microwave subject area.
   
       **Motion:** To pre-approve the addition of ENGIN 352 - Semiconductor Device Design, Simulation and Fabrication.
       **Rationale:** This is an elective course with three credits to be taken by junior/senior level students in the BS ECE program. It serves ECE students to meet the requirement of elective courses in the Electrical Engineering curriculum.
   
   3c. Addition of ENGIN 435 - Antenna Design.
       **Motion:** To pre-approve the addition of ENGIN 435 - Antenna Design.
       **Rationale:** The proposed course is an introduction to antenna design and applications. It will serve as part of the microwave/RF engineering subject area of the EE major. The subject matter covered in this course is applicable to communications and remote sensing applications, among other areas.
   
   3d. Addition of ENGIN 478 - Independent Study.
       **Motion:** To pre-approve the addition of ENGIN 478 - Independent Study.
       **Rationale:** Independent studies provide students with opportunities to explore their interests, gain critical research experience, and customize their skill set for their future career. The number of credit hours can vary from 1 to 3 counted towards elective.
   
   3e. Addition of ENGIN 480 - Special Study.
       **Motion:** To pre-approve the addition of ENGIN 480 - Special Study.
       **Rationale:** Curriculum renovation is critical for undergraduate Engineering education and is usually a continuous process. The special topics course will serve as a platform for Engineering faculty to introduce new topics and areas to our programs following current academic and industry development.

Motion: To pre-approve the addition of MATH 445 - Probability Models.

Rationale: Probability modeling has important applications in computer science, engineering, economics, and biology and has been used for market research, optimization problems, machine learning, and biomodeling. Many other universities offer this course on a regular basis too.

4. Dean's announcements.
5. Other business.
6. Adjourn.