



EDUCATIONAL POLICY COMMITTEE

Approved 2-20-12

MINUTES OF MEETING: February 13, 2012

PRESENT: T. Bell, C. Bowen, M. Clark, D. Frankl, M. Germano, E. Hernandez, S. Jones, M. Leung, B. Matthies, D. Pitt, P. Rosenthal

EXCUSED ABSENCE: J. Benedict, M. Garcia

1. **Call to Order**

M. Clark, Chair, called the meeting to order.

2. **Announcements**

C. Bowen reported that ASI voted in opposition to the Student Success Fee. This is Homecoming Week.

3. **Intent to Raise Questions**

None.

4. **Liaison Reports**

Executive Committee

T. Bell reported that the Executive Committee discussed the admission policy for students in the master programs and the request for a fast-track approval for the Early Start program.

5. **Approval of the Agenda**

M/s/p to approve. The minutes will reflect the order in which the items were discussed.

6. **Approval of the Minutes**

M/s/p to approve.

7. **Curricular Items**

Actions Reported by the Executive Secretary

M/s/p to reflect in the minutes.

8. **Potential Waiver of the American Institutions Requirement, EPC 11-04**

M. Clark discussed the response from the Chancellor's Office regarding this item. A time certain will be arranged for next week with M. McLendon, Chair of College of Natural and Social Sciences Educational Policy Committee.

9. **Student Internships, EO 1064, EPC 11-07**

This document was reviewed and the following action taken:

M/s/p to refer this item to the Curriculum Subcommittee.

10. **Field Trip Policy and Procedures, EO 1062, EPC 11-08**

This document was reviewed and the following action taken:

M/s/p to refer this item to the Curriculum Subcommittee.

11. **Modes of Delivery, EPC 11-09**

This document was reviewed and the following action taken:

M/s/p to refer this item to the Curriculum Subcommittee and recommend to the Executive Committee that it also be referred to the Faculty Policy Committee.

12. Policy on Advisement, EPC 11-10

This document was reviewed and the following action taken:

M/s/p to refer this item to the Academic Advisement Subcommittee.

13. Repeating Courses and Grade Replacement, EPC 11-03

This item was discussed. M. Clark will revise the policy and bring it back to the committee.

14. Credit for Formal Instruction, EPC 10-18

This item was discussed. The Committee will continue its discussion at the next meeting.

15. Undergraduate Grading System and Grading Symbols, proposed policy modification, EPC 11-05*

This item was not discussed.

16. Excess Units

This item was not discussed

ACTIONS REPORTED BY THE EXECUTIVE SECRETARY

Program Modifications**MS Electrical Engineering**

Four new courses are added.

New Courses**CHDV 480: Loss and Grief within a Family Context (4 units)**

Complicated and uncomplicated grief reactions in children are examined within the context of family interactions. Normative child/family development, attachment, loss and resiliency theories provide the foundation for exploration of issues.

EE 446 Embedded Architectures (4)

Prerequisites: CS 242, EE 244 Modeling of embedded systems, ARM assembly, embedded computing, memory technology, real-time systems, and embedded applications.

EE 485 Biomedical Instrumentation (4)

Prerequisites: EE 204, EE 332, EE 336. In this introduction to biomedical engineering, students will explore the use of electronic circuit design in medical instrumentation. Topics include electronic device design of neural prostheses and signal conditioning circuitry.

EE 486 Biomedical Signal Processing (4)

Prerequisites: EE 332. This course is designed to teach students signal processing techniques used in biomedical areas, particularly those involving neural signal acquisition, such as medical imaging, auditory and visual processing, and neural decoding.

EE 514 Systems Risk Analysis (4)

Prerequisite: EE 413. Elements and types of engineering risk; Probabilistic risk assessment; risk scenarios; uncertainty analysis; risk identification and ranking; decision making using risk information.

EE 515 Systems Performance Analysis (4)

Prerequisite: EE413. Engineering reliability evaluation and analysis; mechanical and human reliability; engineering maintainability and maintenance; design considerations for system reliability and maintainability; maintenance life cycle costing.

EE 516 Systems Architecture (4)

Prerequisite: EE 413. Complexity and systems architecting; Heuristics: builder-architectured, manufacturing, social, software/information technology, and collaborative systems; Integrated modeling.

EE 585 Neural Computation (4)

Prerequisites: EE 334, EE 485, EE 486. Learn how computation is performed by the human nervous system and how to apply these models to biomedical problems.

ME 509 Design and Analysis Experiments (4)

Prerequisites: ME 409 or equivalent. Emphasis on the planning and design of experiments and the collection and analysis of data obtained from laboratory and field studies related to mechanical engineering.

Course Modifications**EE 413 Systems Engineering (4)**

Change in course number from 465 to 413.

EE 436 Analog Integrated Circuits (4)

Change in prerequisites/corequisites.

EE 439 Digital Integrated Circuits (4)

Change in prerequisites/corequisites and catalog description.

EE 496A Senior Design I (3)

Change in units, staffing formula and enrollment limits, prerequisites/corequisites, catalog description and course content.

EE 496B Senior Design II (3)

Change in units, staffing formula and enrollment limits, prerequisites/corequisites, catalog description and course content.

EE 496C Senior Design II (3)

Change in units, staffing formula and enrollment limits, prerequisites/corequisites, and course content.

EE 513 System Analysis and Design (4)

Change in course number from 566 to 513

EE 560 Linear Systems Analysis(4)

Change in course number from 530 to 560.

Course Deletions

SOC 584, 591, 592.