



MME CURRICULUM COMMITTEE
Florida International University
Department of Mechanical & Materials Engineering
Miami, Florida

MINUTES

October 20, 2004

The Committee met in the MME conference room, EC 3327. Present at the meeting were Dr. Arvind Agarwal, Dr. Sukky Jun, Dr. Yong Tao, Ms. Carmen Schenck, Dr. Marc Zampino, and Dr. Sabri Tosunoglu.

The following is a summary of the MME Curriculum Committee recommendations:

- EML 1xxx Introduction to CAD for Mechanical Engineers

This will be a conditional course for admission to MME undergrad program. Those students who cannot pass an exam on this course will have to take it as a 0 credit course, but pay for 3 credits.

The course will be offered in Fall 2005 for the first time.

TASK: Prepare a new course proposal (Dr. Bao).

- EML 2030 (3xxx) Software for Mechanical Design

This course will become a 3xxx course.

New corequisites: EMA 3702 (Mechanics of Materials), EGN 3343 (Thermodynamics), and EML 3126 (Transport Phenomena). Require no other pre- or corequisites.

All other courses in the catalog must be scanned and prerequisites must be revised if EML 2030 appears as pre- or corequisite.

The revised course will be offered in Fall 2005 for the first time.

TASK 1: Prepare a course change proposal for EML 2030 to change (1) level to 3xxx and (2) prerequisites.

TASK 2: Scan the catalog and prepare course change proposals for courses which refer to EML 2030 in their prereqs.

- Mechanical Vibrations, Auto Control, and Kinematics

These courses will be offered in Spring 2005 and if necessary in Summer 2005.

Starting Fall 2005, these courses will not be offered.

TASK: Prepare course change proposals to delete these courses.

- Courses with pre- or corequisites for Vibrations, Auto Control and Kinematics

All undergrad and grad courses will be scanned and their prerequisites will be revised to eliminate any reference to these courses.

TASK: Scan the catalog and prepare course change proposals to revise prerequisites.

- EML 2xxx Programming for Mechanical Engineers

This course will be offered for the first time in Spring 2005 as experimental.

TASK: Experimental course proposal is under preparation.

Note: Permanent course proposal has been approved by the College Curriculum Committee.

- New MME course lineup

Carmen Schenck will revise the undergrad course lineup.

TASK: Under progress (Carmen Schenck).

- Implementation

The above tasks will be distributed among the MME curriculum committee members to speed up implementation.

Sabri Tosunoglu, Ph.D.
Chair, MME Curriculum Committee
October 20, 2004