

**The University of Michigan  
College of Engineering  
Curriculum Committee**

**Agenda**

**December 7, 2010**

**1:30-3:00 p.m.**

**Room 265 Chrysler Center**

1. Approval of Minutes From 11-23-2010
2. Course Approval (one form to be brought to meeting)
3. Proposal Regarding Rules for Declaration of Major—James Holloway

**University of Michigan  
College of Engineering  
Curriculum Committee Meeting  
Tuesday November 23, 2010  
1:30-3:00 p.m.  
GM Room 4<sup>th</sup> Floor LEC  
Minutes**

Marina Epelman called the meeting to order at 1:40 p.m.

Members Present: M. Epelman, J. Barker, L. Bernal, M. Collette, E. Durfee, J. Holloway, R. Hryciw, A. Hunt, D. Kieras, E. Larsen, J. Li, L. Meadows, S. Montgomery J. Pan, R. Robertson, F. Terry, F. Ward

Members Absent: E. Gulari, S.Vozar

**The minutes of the last meeting, October 26, 2010 were approved**

**Course Approval Forms**

**These Courses Were Approved**

CEE 446      Modification—Changed Title from: Engineering Geology *to: Engineering Geology & Site Characterization*; Changed Description; Changed Prerequisite from: Junior Standing (Enforced) *to: CEE 345 or Permission of Instructor (Advised)*

IOE 413      New Course

ME 566(X-Listed with AUTO 566) New Course (*slight changes made in description by Committee at meeting*)

**This Course Was Tabled**

***BME 350      Modification—Changing Credit Hours from: Min 4 Max 4 to: Min 3 Max3 Changing Contact Hrs/Wk from: 8 to: 6(Taken back to department for more Information)***

**Proposal Regarding Rules for Declaration of Program—James Holloway**

Information regarding this was included in the meeting packet and an additional informational sheet was handed out at the meeting.

Fred Terry introduced this for James Holloway who was at the Executive Committee Meeting. James arrived shortly and continued. This proposal was brought back to the Committee from the previous (October 12) meeting. There was some discussion regarding revisions to this proposal.

James offered to craft the language and asked for feedback from the Committee members, with this feedback, he will re-write and send out the revised proposal to the Committee.

**Proposal for 12 Credits of General Electives—James Holloway**

Due to time constraints, this issue was tabled.

**Adjournment:** Motion to adjourn was made and seconded  
**Motion carried (approved)**

**Next Meeting: December 7, 2010 1:30 PM, Room 265 Chrysler Center**

December 2, 2010

*The following text would replace the Bulletins sections “Program Selection” and “Changing or adding a program” <http://www.engin.umich.edu/bulletin/rules/courses.html#selection>*

## **Proposal: Declaration of Engineering Major**

In order to give students the opportunity to explore the numerous engineering degrees offered by the College, first year undergraduate engineering students not transferring from another institution of higher education enter the College without declaring a specific engineering major. None of the majors require any courses expected to be taken by a student during the first year, other than the common engineering, math and science core. Students are urged to declare a specific engineering major by the start of their 3<sup>rd</sup> term of enrollment, and undeclared cannot register for a 4<sup>th</sup> term in the College unless they have met with their advisor and have developed a plan to select and declare a major within a reasonable time. This plan can be developed in coordination among the EAC advisors and departmental degree program advisors.

Students who meet all of the criteria below can declare any undergraduate engineering major. Students not meeting these criteria must meet with a departmental program advisor to establish any specific steps they must take in order to declare that major.

Students can declare any undergraduate engineering program if they:

- Have completed at least one full term of courses on the UM Ann Arbor campus.
- Have an overall UM GPA of 2.0 or better in courses taken at the UM Ann Arbor campus and are in good standing.
- Have completed with a grade of C or better, or earned credit by exam or transfer for, courses in each of these categories:
  - Calculus (e.g. Math 115, 116, 156)
  - Calculus based physics lecture (e.g. Physics 140, 160)
  - Chemistry lecture (e.g. Chemistry 130)
  - One of the required engineering courses (e.g. Engr 100, 101, 151)

Note: For repeated courses the most recent grade counts. Program advisors can accept students not meeting these grade requirements at their discretion.

Students seeking to change majors within engineering can do so as long their UM GPA is 2.0 or above. However, transfer students cannot switch majors during their first term at the UM.

No degree program can employ stricter requirements than those listed above without approval of the Associate Dean for Undergraduate Education, who may approve stricter requirements for fixed periods of time to address special circumstances.