

**University of Michigan  
College of Engineering  
Curriculum Committee Meeting  
Tuesday December 09, 2008  
1:30-3:00 p.m.  
GM Room Fourth Floor Lurie Engineering Center  
Minutes**

Toby Teorey called the meeting to order at 1:40 p.m.

Members Present: T. Teorey, L. Bernal, M. Epelman, J. Everett, E. Jankowski E. Larsen, S.Montgomery, J. Pan, T. Perakis, R. Robertson, G. Wakefield, F. Ward, M. Wooldridge

Members Absent: J. Barker, J Holloway, J. Hu, A. Hunt, S. Lafortune

Guests: Matt Blank, Perry Sampson (for John Barker), Kathleen Vargo, Thomas Zurbuchen

Toby Teorey apologized for not sending the corrected *Energy Systems in Engineering Transfer Credit* proposal to the CoE CC members before it went to the CoE Faculty meeting. He stated that the CoE Faculty committee did receive the corrected proposal at the December 1, meeting and this was debated for a while, then an amendment was added to have a two year sunset clause. This clause is that the 12 credits total will be revisited after two years. This was passed nearly unanimously and after that was passed the whole proposal was passed unanimously.

**The minutes of the last meeting (November 11 2008) were approved**

**Course Approval Forms**

Toby Teorey called for a motion to approve the following courses. This was moved and seconded.

**These Courses were Approved**

*CHE 606	New Course
**ENGR 407	New Course
ENGR 408	New Course
ENGR 409	New Course

\*CHE 606 After much discussion, a vote was taken to approve the concept of this course. Approved: 9, Opposed: 3. This course was approved but the Committee wanted a follow-up discussion by e-mail.

\*\*ENGR 407 After some discussion, it was decided to look into the statement that Thomas Zurbuchen made that this Committee required this course to be letter graded instead of Pass/Fail.

Toby Teorey proposed an amendment to change the grading structure from 70% based on attendance, 15% on participation and 15% electronic pitch, or a paper to 30%, 30%, 40% and changing the grading from letter grade to Pass/Fail. A vote was taken and this was approved.

**An Entrepreneurship Certificate for Graduates—Thomas Zurbuchen**

There was information regarding the Entrepreneurship Certificate for Graduates included in the

meeting packet. The entrepreneurship certificate would have a minimum of nine credits. This is a seminar focused on entrepreneurship, which exposes students to entrepreneurship through interaction with business leaders, venture capitalists, and attorneys, as well as individuals involved in emerging business models, new venture creation and technology commercialization. Toby Teorey asked for a vote to pass this proposal as presented. Moved and Seconded. Vote: This proposal was tabled and will be brought to the next (January 20, 2009) meeting with corrections including the removal of the word “certificate” from the proposal, since the term is not compatible with the Rackham certificate rules, and elimination of references to the undergraduate version of the entrepreneurial program.

### **Physics Courses and Engineering Students**

Due to time constraints, this topic was tabled until the next (January 20, 2009) meeting.

**Adjournment:** Motion to adjourn was made and seconded

**Motion carried (approved)**

**Next Meeting: Tuesday, January 20, 2009 GM Room Fourth Floor Lurie Engineering Center**