

**University of Michigan  
College of Engineering  
Curriculum Committee Meeting  
Tuesday, December 17, 2002  
1:30-3:00 p.m.  
Lurie Engineering Center GM Room  
Minutes**

Armin Troesch called the meeting to order at 1:40 p.m.

Members Present: A. Troesch, E. Chan, V. Chung, J. Fessler, P. Friedmann, W. Hansen, G. Herrin, J. Holloway, G. Hulbert, S. Montgomery, B. Noble, S. Pang, H. Peng, R. Robertson, P. Samson, S. Takayama

Members Absent: None

Guests: Henia Kamil, Phil Savage, Alex Bielajew

**The minutes of the last meeting were approved**

**Discussion of Expanded CC Authority When Deciding College-Wide Curriculum Issues.**

Armin Troesch noted that Steve Director said that of the 4 items brought up for vote at the CoE Faculty Meeting, only the first one (400 and 500 level courses) was worthy of voting by the College and the rest should be handled at the Curriculum Committee level, and simply reported to the College. Steve would like the CoE CC to assume a more pro-active role in the Curriculum decisions since it was difficult to get a quorum at the last meeting.

Armin had 3 thoughts on this: 1. Do nothing (Status Quo) 2. Bring Only major issues to the Faculty Meeting 3. Vote only at the CoE CC meeting.

Armin passed out a draft of a proposal which read in part: **CoE Rules Change Regarding the Curriculum Committee** *Proposal: The Curriculum Committee (CC) will consider and vote on all curricular issues brought before it. Generally, these votes will be considered as binding, except in the cases of creation or deletion of programs.*

*Any group of ten or more faculty members may petition for a vote by the CoE faculty at a regularly scheduled CoE Faculty meeting on any of the "Substantive changes".*

The faculty would have access to the CC agenda and the Webpage.

Discussion. Peretz Friedmann said this is a good proposal, but 10 is too many and would like that reduced to 7 or 5. Armin Troesch agreed that 7 is a good number. Greg Hulbert agreed to reduce the number from 10. It was agreed to reduce the number from 10 to 7

It was agreed that the deadline for course approval forms will be the Tuesday before the next scheduled meeting.

Armin asked for volunteers for a sub-committee. Susan Montgomery, Jeffrey Fessler, Gregory Hulbert and Will Hansen volunteered.

Armin Troesch wants to get this information to the Rules Committee and get it to the next faculty meeting.

Armin Troesch asked for a motion to approve the CoE Rules Change Proposal.

Motion carried (approved)

### **Science Liaison Experience – Presentation by Phil Savage**

Phil Savage was the Science Liaison for the College of Engineering Starting in 1997 for 2 or 3 years. He interacted with the Chemistry and Physics departments. He thinks that the motivation for having a Science Liaison came out of the Curriculum 2000 Movement. Curriculum 2000 recommended a new relevant Chemistry course.

Regarding Physics courses, the College of Engineering said that Engineering students needed 8 credits of Physics, the Physics department said 10 hours were needed. Neither issue was resolved when he stopped being the Science Liaison.

Peretz Friedmann asked why there is this disagreement. Why does Physics think they know what Engineers need better than the College of Engineering?

Armin Troesch noted that Jeanne Murabito is putting together a draft and asked if it should incorporate Math and Science. It was decided yes. Armin reminded the people who volunteered to be on the sub-committee (Gary Herrin, James Holloway, and Susan Montgomery) and the rest of the Committee is looking forward to their report.

### **Psychology Sequencing – Discussion**

Armin Troesch noted that the College of Engineering, Humanities and Social Science Division requires 2 upper division classes (300 level or higher). The Psychology Department has renumbered their 300 level courses to 100 and 200 level. Jeanne Murabito said that LS&A told Engineering the content hasn't changed in these courses, and that is what has to be kept in mind. The courses were numbered incorrectly in the beginning. Does the College want to keep the 300 level course requirement?

Armin Troesch said the choice is to leave the requirement as it stands or try to craft some wording to allow for upper division and Psychology re-numbering.

Armin asked for a motion to have the wording stay as it is.

### **HU/SS Requirements Fulfilled form Non LS&A School and Colleges**

A table of this is in the meeting packet. Jeanne Murabito said that these are courses that historically have been accepted by the College for HU/SS Requirements but they are outside of LS&A. Jeanne said it has been brought to her attention that this listing or a similar listing should be in the CoE Bulletin.

### **Report on LS&A Curriculum Committee Meetings – Jeanne Murabito**

Jeanne Murabito reported that these meetings have been eye-opening to her.

Jeanne reported that LS&A has a new minor – Text in Performance in Drama – Playwriting and Acting. There also have been some minor modifications made to the French minor.

Jeanne also noted that LS&A has a sub-committee for course approvals to do the detailed review of the forms before the meeting, which helps the meeting run more efficiently.

Jeanne would like to have this at the College of Engineering Curriculum Committee Meeting to deal with small questions and issues.

Peretz Friedmann suggested that this group should rotate every three months so the workload would be rotated.

Armin Troesch proposed that this be initiated for the next year. He proposed that the deadline for the sub committee be between weeks (the Tuesday before the next meeting). Armin proposed to take the first three members in alphabetical order. It was decided that this committee will try to identify possible points of contention and try to get answers on course approval forms previous to the CC meetings.

Armin will e-mail the committee with the correct time commitment.

### **Request for Change in Chem E Biology/Life Science Requirement – Susan Montgomery**

Susan Montgomery's motion is to change the definition of the undergrad program's biology/life elective. She would like to change the description to read:

*“See department for list of courses that satisfy the Biology/Life science elective.”*

*For your information, the current list of courses that satisfy the elective include:*

*Biology 162 – Introductory Biology – 5 credits, 2 go to free electives*

*Biochemistry 415 (medical school) – Requires 2 semesters of organic chemistry – 3 credits*

*Biology 207 – Introductory microbiology – Officially requires Biology 162, students could take only with my permission, to ensure they have had appropriate high school biology background.*

*For students with a strong biology background (AP level), Biology 162 is too simple and not appropriate. – 4 credits, 1 goes to free elective.*

This is a change from the current description:

*“Biology/Life science elective currently fulfilled by Biol. 162 (5 cr), with 2 credits going to free electives. Elective waived if bio-focused technical elective chosen. See department for list of eligible courses.”*

Armin Troesch called for a motion to approve the motion. This was moved and seconded:

**Motion Carried (approved)**

### **Course Approvals**

Tabled: AERO 585	Modification – changing Course Description; Changing Level of Credit; Changing Grading from S/U P/F to A-E.
EECS 401	Modification – Changing Pre-reqs.; Changing Credit Restrictions.

Armin Troesch called for a motion to approve the following course modifications. This was moved and seconded:

**Motion Carried (approved)**

AOSS 171	Modification – Changed Home Department; Changed Title; Changed Course Description.
AOSS 172	Modification – Changed Home Department; Changed Title; Changed

	Course Description.
CHEM E 330	Modification – Changed Title.
CHEM E 583	Deleted
EECS 425	Modification – Changed Pre-reqs.
EECS 546	Modification – Changed Terms and Frequency of Offering.
IOE 633	Deleted

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

**Next Meeting**  
Tuesday, January 14, 2003  
1:30-3:30 p.m.  
GM Room-LEC