

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: November 3, 2015

3:30 PM, 355 Loew

Members present: Jennifer Turns, Chair (HCDE); Bob Breidenthal (AA); Chris Neils (BioE); Mike Dodd (CEE); Brad Holt (ChemE); Hal Perkins (CSE); Daniel Kirschen (EE); Colin Butler (Undergraduate Student Representative); Jennifer Tsai (ISE Advisor); Brian Fabien (Associate Dean for Academic Affairs); Scott Winter (Ex Officio, Academic Affairs); Dan Feetham (Ex Officio, Academic Affairs)

Members absent: Shan Liu (ISE); Mark Ganter (ME); Jihui Yang (MSE).

Guest: Christina Mastrangelo (ISE)

Minutes - The October 20 meeting minutes were reviewed and approved.

New Course and Course Change Applications

IND E 585 Systems Architecture & Model-Based Systems Engineering and IND E 586 Systems Engineering Risk: Assessment & Management – New course applications. Christina Mastrangelo provided an overview of these two courses which have been offered several times as IND E 599 courses. The courses will be a permanent part of the Master of Engineering in Industrial and Systems Engineering degree program. There was some general discussion about the course descriptions and the types of projects students will complete as a part of the courses. The course applications were unanimously approved.

E E 294 Ready Set Innovate – Temporary new course application. The E E department is proposing this temporary new course as a way to introduce lower division undergraduates to the notion of innovation as a process. The course will be open to all undergraduates. It was suggested that the department consider adding a recommendation for the course to be accepted in appropriate “Areas of Knowledge” (AoK) general education categories. Subsequent to the meeting, the department recommended the course count towards I&S and NW AoK categories. This recommendation was added to the course application. The course application was unanimously approved.

E E 497 Industrial Design Capstone 1 and E E 498 Industrial Design Capstone 2 – Temporary new course applications. This two course sequence will support a deep industry based design experience for electrical engineering students. There was support for the courses but the proposed titles were identified as a problem. There is an Industrial Design program in the School of Art and use of the term “Industrial Design” in the course title would be confusing. A suggested alternative was “Industry Mentored Capstone 1 and 2”. It was suggested that the EE department identify appropriate abbreviated titles. The courses were approved on the condition appropriate abbreviated titles were identified. Subsequent to the meeting, the EE faculty member leading the course development suggested new titles of “Entrepreneurial Capstone 1 and Entrepreneurial Capstone 2”. These new titles will be brought to the November 17 meeting for consideration.

E E 501 Academic Writing - Temporary new course application. This temporary new course is designed for second and third year Ph.D. students who struggle with technical writing. The course was unanimously approved.

HCDE 515 Ecological Information Systems – Course change application. Drop course. The course was taught by the Information School and is no longer being offered. Unanimously approved.

MSE 484 Electronic and Optoelectronic Polymers – Course change application. Change course description and title. Joint with CHEM 484. Chemistry has primary responsibility for this course. The

Chemistry department is changing the course title and course description. The MSE department supports the change and is submitting this course change application to bring the MSE version in line with the CHEM version. Unanimously approved.

MSE 529 Semiconductor Optoelectronics – Course change application. Adding MSE 529 as joint course to EE 529. EE 529 is a course that MSE often students take as a program elective. The content of the EE 529 is very relevant to MSE and faculty in both departments support the joint listing. The joint listing will also make the course more visible to MSE students. Unanimously approved.

Old Business

Discussion of Direct-to-College Admission Proposal – Brian Fabien provided an update on meetings being held with department faculty. Sentiment towards the proposal has been positive. The most common areas for questions have been around the department placement processes and initial selection of the DTC pool.

There was a discussion of the College-level criteria for DTC students. A question was raised if course requirements for winter placement could be different than those for summer placement. This was primarily a question for Chemical Engineering and Bioengineering. Both departments will likely have different requirements for winter placement in their proposals.

There was also discussion around potential placement of DTC students during the winter quarter of their first year. Students with AP and Running Start credit may satisfy all course placement requirements after one quarter at the UW. There were views on both sides of the issue. The benefit of having a full year for students to explore options and to develop academically was identified. However, there are students who are well prepared and some who could graduate in 3 years who should be accommodated. The general sentiment was that a winter quarter placement for first year students should not be done during the first year of a DTC process.