

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: January 19, 2016

3:30 PM, Loew 355

Members present: Jennifer Turns, Chair (HCDE); Kuen Y. Lin (AA); Chris Neils (BioE); Brad Holt (ChemE); Mike Dodd (CEE); Hal Perkins (CSE); John Sahr (EE); Shan Liu (ISE); Jennifer Tsai (ISE Advisor); Mark Ganter (ME); Colin Butler (Undergraduate Student Representative); Brian Fabien (Associate Dean for Academic Affairs); Dan Feetham (Academic Affairs); Scott Winter (Ex Officio)

Members absent: Jihui Yang (MSE).

Guests:

Minutes - The January 5, 2016 meeting minutes were reviewed and approved.

Course Applications and Program Proposals

CSE course changes – CSE proposed course description updates for the following courses.

- *CSE 312 Foundations of Computing II*
- *CSE 331 Software Design and Implementation*
- *CSE 332 Data Structures and Parallelism*
- *CSE 333 Systems Programming*
- *CSE 341 Programming Languages*
- *CSE 369 Introduction to Digital Design*

The above course change applications were unanimously approved.

New Course Applications:

- *CSE 391 Systems and Software Tools (1 cr)* – This course will provide an introduction to several tools for software development. It has been offered several times in the past as a CSE 390 Special Topics course. CSE 391 will be optional course for students who have not had prior exposure to the tools.

The above new course application was unanimously approved.

The two new courses below will be required courses for the Computer Science Data Science option.

- *CSE 442 Data Visualization (4 cr)*
- *CSE 491 Data Science and Society Seminar (1 cr)*

Computer Science Data Science Option – Hal Perkins provided an overview of the proposed Data Science option for the Computer Science major. There was some discussion about the eScience inter-departmental working group and the group's strategy around options.

A motion was made to approve the new course applications for CSE 442 and CSE 491 as well as the proposal for the Computer Science Data Science option. The motion was unanimously approved.

Old Business

Direct-to-College Admission Proposal – An overview of a meeting with the FCAS Subcommittee on Admissions and Program was provided. Brian Fabien, Jennifer Turns, and Scott Winter attended the January 15th meeting of the subcommittee. In attendance at the meeting were FCAS members,

representatives from the Admissions office, representatives from the Office of the Registrar, and student leadership. There was a wide ranging discussion of the DTC proposal with the focus on the admissions processes for the DTC pool. The subcommittee will provide the Admissions office and the College with a data request around past entering and graduating engineering cohorts.

There was some additional general discussion around the DTC proposal. It was suggested to look at past studies that have done correlations between mathematics levels and academic performance in engineering. It was suggested that we engage the Office of Educational Assessment to assist with evaluating impacts of the change.

HCDE 231 – Brian Fabien indicated that the College is working to maintain the historical number of sections of technical communication courses for the 2016-17 academic year.

Remaining Winter Meetings:

February 2, February 16, and March 1.