



COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: December 4, 2018

3:30 PM, Loew 355

**Members present:** Brian Fabien (Associate Dean, Academic Affairs); Mike Dodd, chair (CEE); Jennifer Tsai (ISE Advisor); Ruth Anderson (CSE); Andrew Davidson (HCDE); Valerie Daggett (BioE); Shan Liu (ISE); Rene Overney (ChemE);

**Members absent:** Dwayne Arola (MSE); Sawyer Fuller (ME); JK Yang (AA); John Sahr (ECE)

**Guests:** Mike Engh (AA), Shanai Lechtenberg (AA), Scott Winter (COE), Virginia Vacchiery (COE)

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**Review of Minutes**

- *November 20, 2018 – APPROVED*
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**Course Proposals (see below)**

- *See table below for new and modify course proposals*
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**New Business**

- ***Overview of placement process and the work of the Placement Coordinating Committee***
  - Presented by Scott Winter, COE Dean's Office
  - Placement Coordinating Committee (PCC) was approved by CEP in Spring 2018
  - PCC has been developing a process for placement that allows for a fair assessment of students. Departments can opt do their own assessments of applications.
  - Goal is to have process set by mid-Winter Quarter and bring it to CEP
  - ENGR 101 has tracked students' major interests and E-FIGS has helped bring up some questions from students
    - At the end of this week we should have more data on what the students are looking at for their majors.
    - So far they seem more open to hear about other majors
    - They seem to be less focused on their 1<sup>st</sup> choice major
  - Because the 2019 class is larger than expected, the placement process is more challenging.
  - Question was raised about the possibility of guaranteeing admission in a cluster of majors. In this case, students would indicate their area of interest instead of the one major. ENGR 101 has been doing presentations on majors as areas not departments.

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- ***Online MATH***
  - MATH offers online sections of the three calculus courses (124, 125, and 126). Many ENGRUD students enroll in these when in-person sections reach capacity. To avoid online math classes, some students did not take any math classes in Autumn, or jumped ahead or took a lower class to avoid taking an online class.
  - Concerns were raised about the quality of education between the in-person and online sections, especially because the online sections do not include quiz sections with TAs.
  - COE has committed to having ENGR 197 workshops to help those students with online math classes this year.
  - Question was raised about how they assess the success of online courses.
  - Request for MATH to attend a future meeting for discussion about online calculus sections

**Adjourn**

- Next Meeting – January 8

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**December 4, 2018 - College of Engineering Council on Educational Policy Meeting, Course Applications**

| Course                     | Type   | Submit Date | Title  | Notes  | CEP Status      |
|----------------------------|--------|-------------|--|--|-----------------|
| <a href="#">CHEM E 545</a> | Modify | Nov 26 2018 | Data Science Methods for Clean Energy Research                   |  | <b>APPROVED</b> |
| <a href="#">CHEM E 546</a> | Modify | Nov 26 2018 | Software Engineering for Molecular Data Scientists               |  | <b>APPROVED</b> |
| <a href="#">MSE 477</a>    | Modify | Nov 26 2018 | High Temperature Materials                                       |  | <b>APPROVED</b> |
| <a href="#">MSE 421</a>    | Modify | Nov 26 2018 | Case Studies in Thermodynamics                                   |  | <b>APPROVED</b> |
| <a href="#">MSE 273</a>    | Modify | Nov 26 2018 | Introduction to Molecular Engineering of Interfaces and Surfaces |  | <b>APPROVED</b> |
| <a href="#">AA 590</a>     | Modify | Nov 27 2018 | Special Topics in Applied Analysis                               |  | <b>APPROVED</b> |
| <a href="#">MSE 197</a>    | New    | Nov 27 2018 | Case Studies in Materials Innovation                             |  | <b>APPROVED</b> |
| <a href="#">BIOEN 400</a>  | Modify | Nov 28 2018 | Fundamentals of Bioengineering Design                            | Pre-requisite was changed. Tabled for more information.  | <b>TABLED</b>   |
| <a href="#">BIOEN 571</a>  | Modify | Nov 28 2018 | Polymeric Materials  |  | <b>APPROVED</b> |
| <a href="#">CHEM E 534</a> | New    | Nov 28 2018 | Physiological Processes in Engineering Nanomedicine              | Tabled with request for parallel undergraduate course  | <b>TABLED</b>   |
| <a href="#">CHEM E 547</a> | New    | Nov 29 2018 | Data Science Capstone Project                                    | Approved pending change to 9 credit hours  | <b>APPROVED</b> |
| <a href="#">EE 391</a>     | New    | Nov 28 2018 | Probability Models and Inference for Engineering                 | MATH was added as an affected department and objected to the proposal. Curriculum Office will be consulted for next steps. | <b>TABLED</b>   |