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)

Review of Minutes
•  November 20, 2018 – APPROVED

Course Proposals (see below)
•  See table below for new and modify course proposals

New Business
•  Overview of placement process and the work of the Placement Coordinating Committee
  o  Presented by Scott Winter, COE Dean’s Office
  o  Placement Coordinating Committee (PCC) was approved by CEP in Spring 2018
  o  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.
  o  Goal is to have process set by mid-Winter Quarter and bring it to CEP
  o  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 1st choice major
  o  Because the 2019 class is larger than expected, the placement process is more challenging.
  o  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
### December 4, 2018 - College of Engineering Council on Educational Policy Meeting, Course Applications

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