

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: March 6, 2018

3:30 PM, Loew 355

Members present: John Sahr, Chair (EE); Mike Dodd (CEE); Shan Liu (ISE); Valerie Daggett (BioE); Jennifer Tsai (ISE Advisor); Brian Fabien (Associate Dean, Academic Affairs); Dwayne Arola (MSE); Sawyer Fuller (ME); Jennifer Turns (HCDE); Ruth Anderson (CSE); Rene Overney (ChemE);

Members absent: Antonino Ferrante (AA); Elizabeth Rasmussen (COESAC); Shanai Lechtenberg (Academic Affairs);

Guests: Priscilla Yoon (Academic Affairs); Mike Engh (Academic Affairs) Scott Winter (Academic Affairs)

Review of Minutes

- ✓ February 20 - APPROVED

Course Proposals (see below)

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

New Business

- *Subcommittee to evaluate engineering fundamentals (service courses)* – It is being proposed to make a recommendation to Dean Bragg to form subcommittee which will report to CEP to address several topic areas. Committees would provide guidelines to CoE departments on learning outcomes. Topics include:
 - Coordination with A&S – Math/Sciences
 - Increase communications between A&S.
 - There is a lack of availability to preferred classes for students.
 - Coordination within CoE
 - Which departments are the currently housing service courses?
 - Communicate learning outcomes across the college.
 - ABET learning outcomes
 - Expectations for instructors
 - How to evaluate the quality of instruction?
 - Assessment
 - Instructional support (TAs)
 - Do courses have enough TA support?
 - Funding levels
 - Are courses properly resourced?

Questions that still need to be addressed: Does there need to be a standing committee? How to incentivize faculty? Request was made to CEP members to recommend faculty to participate in this committee.

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: March 6, 2018

3:30 PM, Loew 355

- *DTC Admissions update:* Last week the DTC offers went out. There were 1050 offers resident/resident immigrants, 980 to nonresidents, and 425 to international students.
- Spring Meeting schedule: April 3, April 17, May 1, May 15, (May 29 or June 5 – to be determined)

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: March 6, 2018

3:30 PM, Loew 355

March 6, 2018 - College of Engineering Council on Educational Policy Meeting, Course Applications

Course	Type	Submit Date	Title	Notes	CEP Status
ChemE 535	New	2/23/2018	Nanmaterials Chemistry & Engineering	Taught as temporary course for 2 years with consistent enrollment.	APPROVED
ChemE 547	New	2/23/2018	Data Science Capstone Project	Graduate Science option for students interested in data science application. Discussion around instructional time; milestones/deliverables. Recommend more detail: evaluation, instructor involvement; course structure, grading rubric	TABLED pending on receiving additional details.
ChemE 548	New	2/23/2018	Community Data Science Seminar		APPROVED
EE 497	Modify	2/21/2018	Engineering Entrepreneurial Capstone	Revise status: active	APPROVED
EE 498	Modify	2/21/2018	Engineering Entrepreneurial Capstone	2-year extension	APPROVED
EE 535	New	2/21/2018	Applied Nanophotonics	Discussion around expected enrollment type. Requires a more detailed syllabus. Recommends offer as special topics course or request detailed syllabus, clarification on undergraduate participation.	TABLED
EE 544	Modify	2/6/2018	Advanced Robot Manipulation	Revise status: active; Request additional details and syllabus.	TABLED 3/6/2018
ME 514	New	2/20/2018	Engineering Innovation in Health	Previously offered as special topics. Offered as a yearlong design sequence. Offered to Ph.D, Masters, PCE. Clear distinction between graduate and undergraduate expectations. Request updated syllabus	APPROVED pending evaluation updates

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: March 6, 2018

3:30 PM, Loew 355

ME 414	<i>Modify</i>	2/15/18	Engineering Innovation in Health	Revise credits. Request updated syllabus	APPROVED pending evaluation updates
EE P 500	New	1/30/2018	Graduate seminar	Course topics change at each offering.	APPROVED
EE P 502	New	1/30/2018	Analytical Methods for Electrical Engineering	New course not offered in daytime offerings. Only required course in program	APPROVED
EE P 545	New	1/30/2018	The Self Driving Car: Introduction to AI for Mobile Robots	Expected enrollment 30-40 students.	APPROVED
EE P 547	New	1/30/2018	Linear Systems Theory	This course is linked with EE 547. AA/MA/EE 547 jointly listed	APPROVED
EE P 560	New	1/30/2018	Electric Machines and Drives	Course change application. Previously EE 560.	APPROVED
EE P 598	New	1/30/2018	Advanced Topics in Electrical Engineering	No conflict	APPROVED
EE P 599	New	1/30/2018	Research in Electrical Engineering	No conflict. Variable credits	APPROVED