

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: October 17, 2017

3:30 PM, Loew 355

Members present: John Sahr, Chair, (EE); Jennifer Turns, (HCDE); Valerie Daggett (BioE); Rene Overney (ChemE); Ruth Anderson (CSE); Mike Dodd (CEE); Jennifer Tsai (ISE Advisor); Brian Fabien (Associate Dean for Academic Affairs); Sawyer Fuller (ME); Shanai Lechtenberg (Ex Officio, Academic Affairs); Scott Winter (Ex Officio, Academic Affairs);

Absent: Shan Liu (ISE); Dwayne Arola (MSE)

Guests: Elizabeth Rasmussen (COESAC); Mariko Navin (CEE); Crystal Eney (CSE); Sandra Maddox (MSE); Michelle Trudeau (BSE); Priscilla Yoon, (Academic Affairs); Mike Engh (Academic Affairs);

Review of Minutes

- Oct 3, 2017 Minutes- **Approved**

Programs

- *Bioresource Science and Engineering proposal for participation in DTC 2018.*
APPROVED – Michelle Trudeau (BSE) presented. The addition of BSE to DTC will add 15 spots to the DTC pool to accommodate the projected admits. The council members requested clarification for students understanding that BSE will sit in the College of the Environment not COE. The discussion focused on the effects of adding BSE option to the DTC. There was concern that this change will jeopardize the program if enough students do not select BSE and that the applicant pool will be thinner than if the program chose DTM vs. DTC. However, this concern was addressed by emphasizing the role advising will have in the department selection process.
- CSE – Increase in % of freshmen admitted directly to the major (DTM)
APPROVED – Crystal Eney (CSE) presented. This proposal will increase the freshman admits to 65% via DTM for the CS major only. This change will hope to improve the admissions student experience and increase recruitment activities. There was concern regarding creating clear messaging between the DTM and DTC application process to incoming students.

October 17, 2017 - College of Engineering Council on Educational Policy Meeting, Course Applications

Course	Type	Submit Date	Title	Notes	CEP Status
CSE 412	New	9/27/2017	Introduction to Data Visualization	10/3/2017 - There was discussion around why the course is considered a 400-level course and the title describes it as an introduction to the topic. CEP members desire further input from the CSE department on the title and course number. 10/17/2017 – CSE clarified that the naming convention is consistent with current course offerings.	APPROVED 9 approve; 1 abstain
HCDE 412	New	6/13/2017	Qualitative Research Methods	10/3/2017 - There was question on if there was any overlapping course in the iSchool or Sociology department. The CEP requests for further investigation from the department to look across the university's course offerings. 10/17/2017 – Not discussed.	Tabled
A A 441	Modify	10/3/2017	<i>Flight Test Engineering</i>	<i>Revised course description</i>	Not Reviewed
A A 448	Modify	10/3/2017	<i>Control Systems Sensors and Actuators</i>	<i>Revised course description</i>	Not Reviewed
CEE 352	Modify	8/4/2017	Introduction to Microbial Principles in Environmental Engineering	Revised title, course description, prerequisites and increases from 4 to 5 credits.	APPROVED
CEE 354	Modify	8/4/2017	Introduction to Chemical Principles in Environmental Engineering	Revised title, course description, and prerequisites.	APPROVED
CSE 416	Modify	10/13/2017	<i>Introduction to Machine Learning</i>	<i>Adding STAT 391 as acceptable prerequisite</i>	Not Reviewed
HCDE 495	Modify	9/26/2017	Internship	Revised title and course description.	Not Reviewed
M E 539	Modify	9/19/2017	Renewable Energy I	10/17/2017 - Revised course description. Shifting focus to manufacturing and performance of photovoltaic solar cells.	TABLED Request to send to the following departments

				10/30/2017 – Acknowledgment received by MSE and CEE.	for cross referencing: MSE/EE/CEE APPROVED – 10/31/2017
M E 586	New	9/20/2017	Biology Inspired Robotics		APPROVED
M E 598	Modify	6/28/2017	Graduate Projects	Revised course description, prerequisite, and max credits.	Not Reviewed
M E 599	Modify	9/20/2017	Special Topics	Revised course description, prerequisite, and max credit limit.	Not Reviewed
SCTL 503	Modify	10/6/2017	<i>Inventory Management</i>	<i>Remove joint listing with IND E.</i>	APPROVED
SCTL 504	Modify	10/5/2017	<i>Facility Design and Operations Management</i>	<i>Removing joint listing with Ind E.</i>	APPROVED
SCTL 507	Modify	10/6/2017	<i>The Practicum</i>	<i>Revised course description.</i>	APPROVED
SCTL 509	Retire	10/5/2017	<i>Practicum II</i>		APPROVED
SCTL 510	New	10/6/2017	Freight Transport	10/17/2017 - Concern with the credit offered as a distance-learning course.	APPROVED 9 approve; 1 abstain
New seminars for the four Civil & Environmental grad program curriculum areas:					
CESI 500	New	10/11/2017	Seminar in Construction, Energy & Sustainable Infrastructure		APPROVED
CESG 500	New	10/11/2017	Seminar in Structural & Geotechnical Engineering		APPROVED
CET 500	New	10/11/2017	Seminar in Transportation Engineering		APPROVED
CEWA 500	New	10/11/2017	Seminar in Environmental Engineering		APPROVED

CESG 503	New	10/11/2017	Advanced Structural Analysis I	Parallel with CEE 457	Not Reviewed
CESG 522	New	10/11/2017	Analysis and Design of Prestressed Concrete		Not Reviewed
CESG 563	New	10/11/2017	Advanced Foundation Design		Not Reviewed
CESG 564	New	10/11/2017	Computational Geomechanics		Not Reviewed
CET 512	New	10/11/2017	Transportation Data Management		Not Reviewed
CET 593	New	10/11/2017	Transportation System Analysis		Not Reviewed
CEWA 572	New	10/11/2017	Numerical Modeling of Hydrodynamics		Not Reviewed
CEWA 574	New	10/3/2017	Hydraulics of Sediment Transport		Not Reviewed
CEWA 577	New	10/11/2017	Open Channel Flow with Modeling		Not Reviewed
CEWA 579	New	10/11/2017	Quantitative Water Management		Not Reviewed
CEWA 582	New	10/11/2017	Wastewater Reuse and Resource Recovery		Not Reviewed
New special topics courses for the four Civil & Environmental grad program curriculum areas:					
CET 599	New	10/11/2017	Special Topics in Transportations Engineering		APPROVED Requested clarification from CEE
CEWA 599	New	10/11/2017	Special Topics in Environmental Engineering		APPROVED Requested clarification from CEE

CESI 599	New	10/11/2017	Special Topics in Construction, Energy, and Sustainable Infrastructure		APPROVED Requested clarification from CEE
CESG 599	New	10/11/2017	Special Topics in Structural & Geotechnical Engineering		APPROVED Requested clarification from CEE