

Members present: John Sahr, Chair, (EE); Jennifer Turns, (HCDE); Raymond Golingo (AA); Valerie Daggett (BioE); Rene Overney (ChemE); Ruth Anderson (CSE); Shan Liu (ISE); Jennifer Tsai (ISE Advisor); Dwayne Arola (MSE); Ryan Carlin (MSE student); Brian Fabien (Associate Dean for Academic Affairs); Shanai Lechtenberg (Ex Officio, Academic Affairs); Scott Winter (Ex Officio, Academic Affairs); Priscilla Yoon, (Academic Affairs)

Absent: Mike Dodd (CEE)

Guests: Sharon Ke (COESAC); Nathan Sniadecki (ME); Kat Steele (ME)

New Business

CEP priorities for 2017-18

- DTC implementation
- Academic Misconduct/Integrity
 - o Establish honor code
- Student wellness
- Scholarship Process
 - o COE recruitment

Programs

- ✓ *CSE – Increase in % of students admitted through DFA*
It is recommended for the CEP members to review the current 1503, which will be revised. With the implementation of DTC, the current language for DFA should be changed to Direct to Major (DTM).
- ✓ *Biomechanics Option for B.S. in Mechanical Engineering.*
APPROVED – ME Representatives: Kat Steele and Nate Sniadecki. The 1503 was submitted. This option requires undergraduates seeking this option to complete ME 419, 4cr in biologics, and 6cr in electives. They project 20-30 students per graduating class to enroll. There was concern about the constraints on current resources; however, there is a wide-array of electives to choose from so students are able to tailor their degree.
- ✓ *Bioresource Science and Engineering proposal for participation in DTC.*
TABLED – to be discussed during the next meeting.

Old Business

- Direct-To-College Working Group:
 - o Update on summer activities
 - o Proposed policy for Robinson Center student

Courses

Tabled

- CSE 412 *Introduction to Data Visualization – New Course.*
Tabled – There was a discussion on why it 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.
- HCDE 412 *Qualitative Research Methods – New course.*
Tabled – 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.

Not reviewed

- CEE 352 *Introduction to Microbial Principles in Environmental Engineering – Modify course.* Revised title, course description, and prerequisites.
- CEE 354 *Introduction to Chemical Principles in Environmental Engineering – Modify course.* Revised title, course description, and prerequisites.
- CEWA 577 *Open Channel Flow with Modeling – New Course.*
- HCDE 495 *Internship – Modify course. Revised title and course description.*
- ME 539 *Renewable Energy I – Modify course. Revised course description. Shifting focus to manufacturing and performance of photovoltaic solar cells.*
- ME 586 *Biology Inspired Robotics – New course.*
- ME 598 *Graduate Projects – Modify course. Revised course description, prerequisite, and max credits.*
- ME 599 *Special Topics – Modify course. Revised course description, prerequisite, and max credit limit.*

Approved

- ✓ AA 402 *Viscous Fluid Mechanics – Modify course. Revised title. **APPROVED***
- ✓ AA 461 *Air Breathing Propulsion – Modify course. Revised title. **APPROVED***
- ✓ AA 501 *Advanced Gas Dynamics - Modify course. Revised title. **APPROVED***
- ✓ AA 507 *Incompressible Fluid Mechanics - Modify course. Revised title. **APPROVED***
- ✓ AA 525 *Advanced Gas Dynamics – Modify course. Revised title. **APPROVED***
- ✓ CHEM E 545 *Data Science Methods for Clean Energy Research – Modify course. Adding Council on Education Policy minutes –October 3, 2017*

*CHEM 545 as a joint course. **APPROVED***

- ✓ *CHEM E 546 Software Engineering for Molecular Data Scientists - Modify course. Adding CHEM 546 as a joint course. **APPROVED***
- ✓ *CSE 163 Intermediate Data Programming – New Course. **APPROVED***
- ✓ *CSE 180 Introduction to Data Science – New course **APPROVED***
- ✓ *CSE 447 Natural Language Processing – New course. **APPROVED***
- ✓ *HCDE 301 Advanced Communication in HCDE – Modify course. Revised course description. **APPROVED***
- ✓ *HCDE 321 Professional Portfolio – Modify course. Revised title and course description. **APPROVED***
- ✓ *HCDE 492 Capstone Planning – Modify course. Changing from CR/NC to standard grading. Removing prerequisite enforcement. **APPROVED***
- ✓ *HCDE 520 Design and Management of Complex Systems – Modify course. Revised course description. **APPROVED***
- ✓ *ME 419 Biomechanics Seminar – New course. Parallel with ME 519. **APPROVED***
- ✓ *ME 519 Biomechanics Seminar – New course. Parallel with ME 419. **APPROVED***