

College of Engineering and Applied Science
Minutes of CEAS Curriculum Committee Meeting

Date: 23 March 2022
Place: Virtual – Microsoft Teams
Members Present: Hamid Seifoddini, Habib Tabatabai, Roshan D’Souza, Rohit Kate, Priyatha Premnath, Robert Cuzner, Ben Church (Chair), Ethan Munson (Ex Officio), Todd Johnson (Ex Officio)
Members Absent:
Guests: John Reisel, Brian Armstrong

The meeting was called to order at 11:01 AM.

Announcements

- None.

Approval of the Agenda

Agenda approved without changes.

Approval of Minutes: Minutes from the February 11, 2022 meeting were approved by automatic consent.

New Business

1. Update on GER Reforms (John Reisel)

- The Core Curriculum Action Team is continuing efforts with GER reform. There are potential implications for CEAS programs. While this is still unclear and undecided, there may be a need to open 3-credits in CEAS programs to accommodate the new GER policies. Historically, CEAS counts Physics 209 and Chem 105 as natural science, English 310 as Humanities & OWC-B (double-dipped) and calculus for the mathematics requirement. It is unclear if double-dipping will be allowed and if English 310 will continue as a GER or how it would fit into various categories. There is also concern about “requiring” a specific GER such as Physics 209.
- Todd Johnson expressed potential downsides in the proposed GER changes as they would hinder credit transfers for some transfer students.
- Department representatives are encouraged to remain abreast of GER developments and to consider possibilities for freeing credits in their programs in the event program changes are needed.
- No actions taken.

2. Computer Engineering, BS Program Change

- Remove EE 354, EE 367
- Move CS 337, CS 537 from Requirements to Technical Electives, Group A.
- Add EE 140 and EE 240 as Engineering Core courses

- Add EE 340 and EE 440 as Requirements
 - Reduce the Group A Technical Electives from 9 to 12 credits, to 6 to 9 credits
 - Reduce the Technical Electives from 16 to 13 credits (corresponding to the reduction in Group A technical electives, not a separate reduction)
 - Add 2 credits of Free Electives, as needed, for a total of 120 credits.
- Motion to approve (D'Souza, Seifoddini). Motion approved.

3. Environmental Engineering BS Program Change

- Remove MechEng 301 (Thermodynamics) from engineering core and add to approved technical elective list
- Add CivEng 202 (Dynamics) to engineering core

Motion to approve (Premnath, Seifoddini). Motion approved.

4. Data Science BS Program Change

- Modify "MTHSTAT 215 ~~or~~ MTHSTAT 216" to "MTHSTAT 215 or **INDENG 367**, and MTHSTAT 216"

Motion to approve (Kate, Seifoddini). Motion approved.

5. MechEng 320, Intro Fluid Mechanics (U) **Prerequisite Change**

Course Description: Basic law of fluid mechanics with applications to engineering problems and with discussion.

Prerequisite: ELECENG 234(P) and PHYSICS 209(P) and **CIVENG 202 (P)**.

Motion to approve (D'Souza, Seifoddini). Motion approved.

Old business

None

Adjournment

Meeting adjourned at 11:37 AM

Submitted by,

Ben Church, 23 March 2022