Minutes of the Engineering Undergraduate Studies Committee (EUSC)

November 29, 2018

Present, EUSC: Buch (DE), Enbody (CSE), Lee (CHE), Ghamami (CEE), Genik (AES), Roccabianca (ME), Aviyente (ECE), Kirk (BAE), Toback (Student), Macpherson (Student)

Absent, EUSC: Hirn (CMSE), P. Chahal (ECE, UCC)

Also present: Idema (DE), Pease (DE), Naylor (CHE), O’Shea (CMSE)

1. **Agenda:** APPROVED

2. **Minutes** of November 11, 2018 were APPROVED.

3. The CHE Package was APPROVED. It included a CHE 210 course change to correct a typo in the pre-requisite. The CHE program change, FS19 version was submitted to reflect a minor change to the Environmental concentration. Changing EEP courses to EEM as the department has changed its name from Environmental Economics and Policy to Environmental Economics & Management.

4. The FS19 version of the AES program was APPROVED. The change included moving from STT 315 to STT 351, which is Calculus based and relevant to Engineering students. The CSE concentration was updated to remove CSE 410 and add CSE 325, CSE 429 and CSE 431.

5. The ME package was APPROVED. The ME 222 course model was changed from Lectures: 3, Laboratory:0 to Lectures: 2, Laboratory 2. The pre-requisite changed in ME 370 allowing ME 391 to be taken concurrently. A sunset course, ME 456 was reinstated. The FS19 version of the ME program included updates to the Aerospace and Energy concentrations.

6. The CSME package was APPROVED. It included the following new courses: CMSE 381 Fundamentals of Data Science Methods, CMSE 382 Optimization Methods in Data Science, CMSE 410 Bioinformatics and Computational Biology, CMSE 411 Computational Medicine, CMSE 492 Selected Topics in Data Science and CMSE 495 Experiential Learning in Data Science. Course Changes that were APPROVED are as follows: CMSE 201 title change to Introduction to Computational Modeling and Data Analysis will now be offered during Fall and Spring semesters. CMSE 202 moved from Fall to Spring every year. CMSE 401 added CSE 415 as an associated course as content is similar. CMSE 402 title change to Data Visualization Principles and Techniques. The new Data Science BS and Data Science Minor were also APPROVED.

Meeting was adjourned at 10:05 am

Respectfully submitted,

Neeraj Buch
Secretary