Minutes of the Engineering Undergraduate Studies Committee (EUSC)

December 3, 2020

Present, EUSC: Idema (DE), Genik (AES), Safferman (BAE), Gates (CEE), Hirn (CMSE), Enbody (CSE), Aviyente (ECE), Grimm (ME), Ofoli (CHE), C. Boehlert (CHE, UCC), Macpherson (Student)

Absent, EUSC: Stack (student)

Also present: Fiasky (DE), Pease (DE)

1. Agenda: APPROVED

2. Minutes of September 10, 2020 were APPROVED.

3. The CHE 201 course change to remove CSE 131 as a pre-requisite was APPROVED. This change is “clean up” as CSE 131 is no longer taught.

4. FS21 Course Changes for CMSE 401 and CMSE 411 were APPROVED. Changes included changing the math pre-requisite in CMSE 401 from MTH 235 to MTH 133 or equivalent. CMSE 411 is offered fall of even years and is now open to Data Science majors.

5. The ECE representative presented a package from EE/CpE that was approved with minor edits. The package included deleting ECE 402 and ECE 474. These were not required courses. Course changes for ECE 201 which removed CSE 131 as a pre-requisite and ECE 331 which added “ECE 203 or concurrently” to the pre-requisites. New courses ECE 424, Electrical Drives and ECE 434 Autonomous Vehicles were approved. Autonomous Vehicles has been taught as a special topics course and will be cross listed with CSE. Program changes in each major were also approved and will be effective FS21. In addition to adding new courses and removing deleted courses these concentrations were added: Robotics and Automation (CpE & EE), Digital Systems and IoT (EE), RF and Wireless (EE), EM Acoustics and Optics (EE), Microelectronics (EE), Smart Devices (EE), Smart Systems (CpE) Cybersecurity (CpE), and Software Systems (CpE).

6. L. Genik, R. Ofoli and S. Safferman will serve on the Green Apple sub-committee.

7. Those serving on the Student Services Award sub-committee are: M. Grimm, S. Aviyente and C. Boehlert.

Meeting was adjourned at 9:51 am

Respectfully submitted,

Amanda Idema
Secretary