

ECE Curriculum Committee Meeting

Monday, Nov. 10th, 2025

Attending: Arabshahi, Burden, Bushnell, Chen, Choi, Dela Cruz, Eley, Hauck, Huberman, Kirschen, Lim, Mishra, Moritz, Perez, Reyes, Rudell, Shlizerman, Swanson, Thomas

Absent: Majumdar, Sallows

Agenda:

1. Update EE 436: Integrated Systems Capstone I and EE 437: Integrated Systems Capstone II

Update EE 436: Integrated Systems Capstone I and EE 437: Integrated Systems Capstone II

Professor Rudell revisited the previously discussed topics of the IS pathway regarding the EE 436 and EE 437 sequence as there are changes that need to be updated on the master course descriptions as well as discussing the structuring and possible future updates to the courses. Revisiting the prerequisites, with a course change proposal that will be submitted for EE 473: Linear Integrated Circuits renumbering to EE 435 there needs to be updates made to the MCD for EE 436 because it currently lists EE 473 and it needs to reflect the new number change. The committee then opened the discussion to the subject of structuring EE 436 and EE 437 as the intended sequence because with the title of EE 436 listing it as a capstone, should the two courses be hyphenated or not.

- **Rudell will update EE 436 MCD to reflect language change to list EE 435 as a prerequisite**
 - Thomas brought up a side discussion of prerequisites for EE 435 (timing of 333) and how to plan out offerings to allow students to follow IS pathway in time
 - Keeping in mind the timeline for students, especially transfer students, the prerequisites for EE 435 are being considered offering more quarters throughout the academic year
- EE 436 and EE 437 were intended to be capstone courses that follow the projects starting in EE 436 and finishing those projects in EE 437. Because of the nature of this sequence, hyphenating the course was a strongly suggested update to be made by the committee
 - Swanson and Perez brought up the intent of students starting projects in one course and finishing it in the other, but with the possibility of students skipping a year and taking the next course in the sequence in a different year

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- This would pose an issue of students starting a project, but not finishing it and having to work on a completely new project
- Hyphenating the courses would solve this issue as the student would only get capstone credits for EE 436 if they complete EE 437 that follows the next quarter
- **Rudell will make modifications to EE 436 and EE 437 to make the MCDs identical while changing the ABET Review components to spread out between the two**
 - Will present revisions in a future meeting