

ECE Undergraduate Core Courses Committee Meeting

Wednesday, December 6th, 2023

Attending: Arabshahi , Chen, Hameed, Makhsous, Overly, Shepard, Swanson, Van Fossen, Wilson (Chair)

Agenda:

1. Proposed changes to EE 201
2. Proposed changes to EE 280

Minutes of November 22, 2023: APPROVED

Proposed changes to EE 201

Asked to work on revisions to EE 201 to improve the course, Chen presented updates on the process.

- Chen will be working on the course revision over the summer.
- Students are taking more than the time allotted for the course, and it would be a good idea if the course were 2 credits as opposed to one. This would also provide flexibility in how the course is revised.
 - A 2credit course is easier to design
 - Chen discussed the increase with Hauck and gained approval
- The plan is for Chen to teach the course in the 2024-2025 academic year to help refine the course
- Arabshahi raised the issue that the course might need to become officially a full course load course for faculty assignments.
 - Overly suggested that it made sense as number of student credit hours for the course at 2 credits would rise to 200 – 250 SCH, much higher than a number of other courses.

Motion to increase the number of credits offered for EE 201 to 2 credits starting with the Autumn 2024 offering of the course, with an understanding the committee will vote on the final MCD that will be offered in Autumn 2024: APPROVED

Proposed changes to EE 280

(See [Slides](#))

Now in its second year as a course in the ECE curriculum, the committee and various faculty have been reviewing EE 280 with the aim of improving the course. Wilson presented proposed revisions to the committee. ([MCD](#))

- Revisions are in coordination with proposed changes to both EE 331 and EE 332, with the two courses becoming de-coupled (EE 331 will no longer be required as a prerequisite for EE 332), and EE 280 becoming a prerequisite for what will become the analog circuits replacement for EE 332.
 - Chain would be EE 280 and EE 233 (w/ EE 215 as prerequisite) as a prerequisite for EE 3XX analog circuits.
 - New series would lead into the Devices and Integrated Circuits courses.
- Proposed changes to EE 280 will not impact the current versions of EE 331 and EE 332, but need to be in place for changes in those course to be made as planned.

Motion to approve proposed revisions as outlined in the presented MCD: Approved.