

ECE Curriculum Committee Meeting

Monday, February 23rd, 2026

Attending: Arabshahi, Bushnell, Chen, Dela Cruz, Hauck, Huberman, Kirschen, Miller, Mishra, Mouradian, Perez, Rudell, Reyes, Sallows, Shlizerman, Swanson, Thomas, Van Fosen

Absent: Eley, Moritz

Agenda:

1. Presenting proposed changes to MATH 126, MATH 224
2. Course Update Proposal to EE 332
3. Graduate Course Enrollment Update

Presenting proposed changes to MATH 126, MATH 224

Arabshahi presented to the committee a revision proposal that ECE, CSE and STATS departments are collaborating on that center on changes to MATH 126: Calculus with Analytic Geometry III and MATH 224: Advanced Multivariable Calculus courses. The main purpose of these revisions is to improve topic flow as well as reduce overlapping content that is found in the MATH 125, 126, and 224 series.

- Slide presentation- [Link](#)
- Main reasons for updates:
 - Teaching content is missing from MATH 126
 - Material gaps that are not covered until much later in upper division courses
 - Repeating material between MATH 125, 126, and 224
- Overall impact:
 - Adding optimization topics to MATH 126
 - Removing “integration” topics from MATH 126 allows more time for Taylor series concepts and optimization topics that ece students use for signals and probability
- Arabshahi emphasized that for the ECE department, these changes would create better foundational knowledge for ECE material, increase efficiency by reducing repetition of topics, and include material not taught before to enhance ECE material understanding.
- Thomas questioned if removed/edited material will be available to students through our courses

ECE Curriculum Committee Meeting

Monday, February 23rd, 2026

- Arabshahi noted that covering removed/edited material in ECE courses would be doable.

Changes are still in discussion and current proposal are bare minimum changes, but are anticipated to be in effect next academic year (26-27)

Course Update Proposal to EE 332: Devices and Circuits II

Professor Rudell presented to the committee proposed changes to EE 332 course name, prerequisites, and some minor language changes to align with the course name change. Course update proposal primarily focuses on updating the drop of EE 331: Devices and Circuits I as no longer a prerequisite, but a recommended course instead.

- Presented MCD - [Link](#)
- Changes made are the following:
 - Change the name – Devices and Analog
 - Change the prerequisites – removed EE 331
 - Changed some language
- Feedback from committee members:
 - Van Fossen – prerequisite list could have prerequisite by topic, but also have the course names
 - Perez – if EE 215 does not need to be listed, would be easier to remove to avoid any confusion

Motion to approve course updates with committee language feedback above.

- **Motion approved**

Graduate Course Enrollment Update

Huberman and the graduate advisors raised the discussion to the committee of addressing low enrollment graduate level courses in response to the recent changes to the ECE course cancellation policy. The initial proposal the graduate advisors had was to open graduate level courses to all majors and not restrict it to just ECE students.

- Arabshahi requested a breakdown of which courses are subjected to possible cancelation due to low enrollment to assist with decision making

ECE Curriculum Committee Meeting

Monday, February 23rd, 2026

- Thomas questioned if graduate courses will still be Add Code restricted or will be open for anyone to enroll

Huberman and graduate advising will draft a breakdown of courses that are seeing low enrollment and will present findings to the committee at a later meeting.