

ECE Curriculum Committee Meeting

Friday, June 5th, 2026

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

Absent: Eley, Mishra, Moritz, Shlizerman

Agenda:

1. Update EE 361 Prerequisites
2. New Proposal for Robotics Practicum

Update EE 361 Prerequisites

Professor Mouradian presented to the committee a proposal to change the prerequisites of EE 361: Applied Electromagnetics to remove PHYS 123: Waves, Light, and Heat from the prerequisites list. The materials in PHYS 123 are covered in EE 215: Fundamentals of Electrical Engineering, and PHYS 123 was acting as a bottleneck for enrollment because it was not needed for other EE courses so students would not take it. The goal of removing PHYS 123 as a listed prerequisite is to increase EE 361 enrollment.

- Presented MCD – [Link](#)
- The committee had some questions and concerns about how the removal of math materials could have an upward effect on upper-level courses
 - Mouradian will check with faculty that this could possibly affect and report back with the committee

Motion to approve removing PHYS 123 as a listed prerequisite and to report any feedback from faculty

- **Motion approved**

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New Proposal for Robotics Practicum

Career and Industry Programs Manager Rebecca Carlson presented to the committee a proposal for a new robotics practicum course that allows students to get involved in community engagement and put materials learned in classes into real world situations. This is a course that will have college students work with high school students to expose them to engineering and enhance their understanding of this field.

- Course Description – [Link](#)
- Syllabus - [Link](#)
- Committee members had some questions on the logistical aspect of this course
 - For listed course coordinator, staff can be listed but faculty can be added if concerns are raised
 - ABET would be excluded from being assessed in this course as it is not a required class
 - Course number would be 200-level so it would count towards a student's general electives and not ECE advanced electives

Motion to approve this proposal as a 200-level special topics course

- **Motion approved**