

ECE Curriculum Committee Meeting

Monday, Oct 20th, 2025

Attending: Arabshahi, Bushnell, Chen, Dela Cruz, Eley, Hauck, Huberman, Kirschen, Reyes, Rudell, Mishra, Moritz, Sallows, Shlizerman, Swanson, Thomas

Absent: Lim, Majumdar

Agenda:

1. New Course proposal for an EE 5XX Grad Course
2. ECE Laptop Policy Update

New Course proposal for an EE 5XX Grad Course

Professor Shlizerman brought to the committee a proposal to make a current special topics course into a permanent EE 500 level course as the demand for this course is increasing. The current special topics course was made to develop skills related to deep learning and neural networks, and this course will be designed to teach this to students through various projects and presentations. Although there are overlaps between this course and CSE 543: Deep Learning, the differentiation will be that this course's focus will be in deep learning applications in engineering.

- Proposal slides – Link
- EE 5XX: Introduction to Deep Learning Applications in Engineering
 - Proposed MCD – Link
- Course will be endorsed by the eScience institute
- Kirschen pointed out that there are no required prerequisites, but with the emphasis of python knowledge required he believes this should be a listed prerequisite
 - Graduate courses cannot enforce prerequisites, but can have recommended courses
 - Recommend this course to be taught in the Spring quarter while emphasizing python as a recommended course prior to taking this course
- Discussions of having this course replace the old EE 513, which has been retired for a while.
 - Arabshahi will investigate the possible number for this course

Motion to approve proposal to make this course a permanent course: Motion approved

- **Arabshahi will connect with Shlizerman on next steps**

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ECE Laptop Policy Update

Arabshahi presented to the committee a written update for the ECE laptop policy with instructions for students to install the appropriate software for their computers as well as referrals to various resources.

- Laptop Policy Document – Link
- Suggested updates/comments for document:
 - Remove “easy” work in second paragraph
 - Swallows pointed the following
 - Saying “plan to install windows on Mac” might be vague to new students
 - Change “What this means for you” to specify this is for Mac users
 - Hauck suggested to change “How to run windows” to include “on Mac” at the end
- Advising is working on posting this online for students to see