

ECE Curriculum Committee Meeting

Tuesday, February 4th, 2025

Attending: Arabshahi, Chen, Dela Cruz, Fazel, Hauck, Huberman, Kaushansky, Majumdar, Overly, Reyes, Rudell, Shepard, Swanson, Van Fossen

Not Attended: Bushnell, Kirschen, Moritz

Minutes of Jan. 28th, 2025: Approved

Meeting Slides: [Link](#)

Agenda:

1. Review Course Change Proposal: EE 451/551
2. Review advanced ECE Electives requirements in BSECE degree

Review Course Change Proposal: EE 451/551: Renewable Energy: Technology and Integration

Prof. Lukuyu and Prof. Kirschen presented revisions to EE 451/551 building on the previous subject of *Wind Energy* to expand the course for a broader range of renewable energy technologies.

- Proposed MCD - [Link](#)
- Course Justification - [Link](#)
- Arabshahi suggested minor revisions to the headings for the various graduate grading details and distributions
- **Motion to approve proposal with suggested changes to the grading language**
 - **Motion approved**

Review advanced ECE Electives Requirements in BSECE Degree

With the coming Autumn 2025 change to the BSECE degree requirements moving the capstone to a standalone requirement no longer counting toward the 36 credits of Advanced ECE Electives degree requirement, Overly asked the committee to begin discussions of possible ways the department may wish to restructure the Advanced ECE Electives requirement.

- See Slides 11 for concerns
 - 4 possible revisions were discussed:
 - lower the number of required 400 level courses and increase the number of 300 level courses
 - drop research courses from 400 level to 300 level; change EE 499 research to EE 399 research

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- The idea was proposed that we could compile a list of technical electives (technical EE 4XX courses), from which students would be required to take a certain number of credits
 - Student could then take and 3XX or 4XX course to satisfy remaining credits to fulfill the total of 36
- Lower number required credits of 4XX credits from the current 20 credits to 15 or 16 now that the capstone has been removed
- **Subject was tabled for further discussion**