

ECE Curriculum Committee Meeting

Tuesday, May 20th, 2025

Attending: Arabshahi, Bushnell, Chen, Dela Cruz, Fazel, Hauck, Kaushansky, Kirschen, Lim, Reyes, Rudell, Shepard, Swanson, Van Fossen

Absent: Huberman, Majumdar, Moritz

Agenda:

1. Annual review of the Power Energy group

Annual review of the Power Energy group

Group chair Daniel Kirschen presented to the committee an overview of the current academic year for the Power Energy Group (ENER) and comparing it to the performance of last academic year to update the committee on trends/growths and goals that were achieved/needs improvement on. Data reviewed shows an overall upward trend in enrollment, balanced outcomes for ABET requirements, and stable evaluations from students.

- ENER Slides - [Link](#)
- Enrollment shows a significant increase in EE 351: Energy Systems and steady across the other courses
- ABET Outcomes meet requirements of at least ~75% or higher of students assessed are “Competent/Exemplary”
 - Only concern is with EE 454: Power System Analysis with 2/3 assessed students below Competent
- Student Course Evaluations show a varying, but upward trend of hours per credit are around 1.7-3.1
- Kirschen pointed out that there are some missing end of course report
 - Win25 – EE 458 - Choi
- Kirschen noted that EE 451: Wind Energy will be getting a new syllabus and title
 - Will be changing to Renewable Energy
- Other notes Kirschen made for the committee:
 - The demand for Power Energy courses remains strong
 - EE 456: Computer-Aided Design in Power Systems has been revived this past Spr25 quarter to give students opportunity to practice with commercial-grade power system analysis software
 - However, we will not be able to offer it next year

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- o Have plans to separate the undergraduate and graduate classes of EE 458/533 for next year