

ECE Curriculum Committee Meeting

Friday, May 29th, 2026

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

Absent: Eley, Huberman, Moritz, Reyes

Agenda:

1. Annual Review of the VLSI/IS Group
2. Update EE 416, EE 447 and EE 467 With Alternative Prerequisites

Annual Review of the VLSI/IS Group

Group chair Professor Rudell presented to the committee an overview of the current academic year for the Very Large-Scale Integrated/Integrated Systems Group (VLSI) 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 healthy enrollment with an increase in some courses and stable evaluations from students. Although ABET scores show low results with the pool of students assessed for some courses.

- VLSI Slides - [Link](#)
- Enrollment show signs of a significant increase in the following courses
 - o EE 332: Devices and Circuits: Analog
 - o EE 435: Linear Integrated Circuits
- ABET Outcomes mostly meet the requirements of at least ~75% or higher of students assessed are “Competent/Exemplary”
 - o EE 436/598 and EE 476 are the only courses that have assessments not meeting the 75% or higher standard
 - Rudell notes that the courses have increased in difficulty, but will reevaluate how to select students for future ABET assessments and the pool that was selected does not reflect the overall performance of the course
- Student Course Evaluations show a stable trend of results
 - o Participation varies for nearly all courses, but most have high participation
 - o Adjusted combined median ranges from 3.2 - 4.3
 - o Challenge and Engagement Index (CEI) ranges from 5.1 - 6.9

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- o Hours per credit ranges from 1.9 - 4.5

Update EE 416, EE 447 and EE 467 with Alternative Prerequisites

The Undergraduate Advisors brought up to the committee that although in the past meetings it was approved to add EE 391 as an alternative STATs prerequisite and AMATH 352 as an alternative to MATH 208, some courses did not receive this update in prerequisites. To adhere to the previous meetings that approved these alternatives, Van Fossen proposed to update EE 416 and EE 467 by adding EE 391 as an option for STATs and to update EE 447 by adding AMATH 352 as an alternative to MATH 208.

- Perez will reach out to the course coordinators for these courses to suggest these changes.