

# ECE Undergraduate Electives Committee Meeting

## Friday, January 26th, 2024

**Attending:** Arabshahi , Gadre, Lin, Lister, Overly, Thomas, Swanson

### **Agenda:**

1. Update on Core Committee Decision Regarding Replacement of ENGR 231 for the BSECE Writing Requirement
2. Update on Plans to Decouple EE 331 and EE 332, with Changes to the Devices, Integrated Systems, and VLSI Tracks

### **Minutes of 12/1/2023: Approved**

#### **Update on Core Committee Decision Regarding Replacement of ENGR 231 for the BSECE Writing Requirement**

With the College of Engineering's decision to no longer offer ENGR 231: Introduction to Technical Communication, the department needed to make changes to how students would fulfill the 3 "Writing" credits satisfied by ENGR 231. Overly reviewed the recent decision by the ECE Undergraduate Core Courses Committee (UCCC) for what will be required in the major starting Autumn 2024.

- The ECE UCCC voted to approve the following:
  - Student may take any UW "W" course to fulfill the 3 credits no longer available through the current ENGR 231 requirement
  - This is a short-term fix while the department works on a stronger solution that will provide a better replacement for ENGR 231

#### **Discussion on Plans to Decouple EE 331 and EE 332, with Changes to the Devices, Integrated Systems, and VLSI Tracks**

Overly updated the committee on recent conversations surrounding potential changes to EE 331: Devices and Circuits I and EE 332: Devices and Circuits II.

- Changes to the devices and circuits courses are being discussed by the curriculum groups that depend on EE 331 and EE 332.
- Changes have already been approved for EE 280: Exploring Devices by the ECE UCCC.
  - (see [UCCC minutes from 12/6/23](#) and [slides](#))
- The plan under discussion by the groups involves decoupling EE 331 and EE 332, with EE 332 no longer requiring EE 331 as a prerequisite
- EE 331 (or replacement course) would provide the foundation for the digital circuits track (VLSI) with EE 332 (or replacement course) providing the foundation for the Devices and Integrated Circuits (IS) tracks
- Rudell will be working with the IS faculty to revise the IS track
  - Rudell's desire is that the revisions will be in place for Autumn 2024, but this timeline is exceedingly tight, with all proposals needing to be generated, approved by the committee, and submitted to the proposal approval workflow by March 26<sup>th</sup>

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- Revisions of MCDs need to be approved for both the EE 331 and EE 332 revisions, and must be coordinated with stakeholder faculty for course that lead into EE 331 and E 332, as well as those courses that use either course as a prerequisite