

# ECE Undergraduate Electives Committee Meeting

## Monday, April 29th, 2024

**Attending:** Arabshahi, Gadre, Hauck, Hwang, Lin, Lister, Overly, Thomas

**Minutes of April 15th, 2024: APPROVED**

### **Agenda:**

1. Embedded Group Undergraduate Courses Review (Hauck)

### **Embedded Group Undergraduate Courses Review (Hauck)**

Hauck presented a review of undergraduate offerings of courses under the Embedded Curriculum Group:

([See Slides](#))

- Enrollments are consistently healthy
- Only missing End of Course (EOC) report is from a CSE instructor.
  - Getting EOC reports from faculty outside the department is difficult in general.
- Cheating has become an increasing concern, with students turning in work from previous quarters (that do not match the current quarter's assignment), likely a result of previous students posting their homeworks on their Github pages, and being discovered by current students.
- Examination of recommended prerequisites for EE 469 and EE 475:
  - EE 371 does not seem to be of much benefit to students taking EE 469.
  - CSE 374 does appear to be a benefit to students taking EE 474
    - Group will discuss possibility of adding CSE 374 as a prerequisite for EE 474
- ABET Outcomes
  - A couple offerings of EE 469 and EE 474 where outcomes were not strong, but overall the offerings of both courses show good outcome results.
  - Some offerings of EE 475 appear to review a single project team for all assigned outcome assessments.
    - This may lead to issues as it is essentially a sample size of one unless all students in team are assessed individually.
- Course Evaluations
  - Many courses are receiving almost no responses on evaluations, making the information from those sets of evaluations fairly meaningless.
  - Need to find a way to get faculty to implement strategies to get numbers up.
  - CSE/EE 469 winter evaluations are often quite poor. It is a CSE instructor and attempts to work with the instructor do not often bring improvements.
    - The instructional load is shared by the departments, with ECE teaching all but one offering a year, so not much we can do aside from what has been tried.
- Members further discussed the issue of cheating, with some suggestions.
  - CSE has a team that works on the issue. EE does not have those resources.
  - The issue needs further discussion, likely faculty wide.
  - Gadre mentioned the use of Gradescope.
    - Can take a bit to set up, but maintenance in subsequent quarters is easy once the initial work is done.

**Presentation complete**