

CES/EE Committee – Minutes

March 17, 2022

CP303/Zoom

Attendance

Voting Faculty: Orlando Baiocchi, Vahid Dargahi, Debasis Dawn, Max Laddomada, Thillainathan Logenthiran, Michael McCourt, Jie Sheng, Nafiul Siddique, Matthew Tolentino

Non-Voting Faculty and Staff: Bob Landowski, Christopher Barrett, Beth Jeffrey, David Ross, Kira King, Heather Dillon, Raj Katti, Noelle Wilson, Don McLane, Bryan Goda, Seung-Jin Lee, Rachel Long, Andrew Fry

Items

1) Approve the minutes of our last meeting held on February 17, 2022

Moved: D. Dawn

Seconded: M. McCourt

Eligible to vote: 9

9 in favor, 0 against, 0 abstain, 0 voting faculty absent

2) TCORE Intro to Engineering Course

This proposed class will serve as an “Intro to Engineering” course for first year students, and is a direct response to the needs of the Access Program, which serves underrepresented and first generation students by encouraging them to consider STEM-based fields of study. This course is designed to be flexible, meaning that the instructor has the freedom to create a course based on their engineering interests (i.e. robotics). This has the potential to be a viable recruiting opportunity, as it provides the opportunity to engage with students who might not have ever considered one of our majors, and could also serve as a “building block” towards our future direct admission plans. This course does not include a

lab, and the class itself will include many hands-on activities. All questions about this proposed course can be directed to Seung-Jin Lee and Heather Dillon.

3) Industry Capstone Program

This program aims to create a more concise and simplified process for both students and industry partners interested in participating in a capstone project. The SET Director of Industry Partnerships, Andrew Fry, will serve as a mediator between faculty and industry by helping coordinate project requests from our industry partners, as well as assisting with matching projects with student groups based on student interests and knowledge. This support will ultimately help maintain, support, and build future SET industry connections. There is a new page on the SET website (<https://www.tacoma.uw.edu/set/industry-capstone-program>) that explains the process for industry partners interested in collaborating on a capstone project.

4) Discuss and approve a new optional course TECE 701 Internship for our MSECE

This course aims to provide MSECE students with the opportunity to pursue a significant project or practical application in an engineering service, industrial, or research setting via an internship. This is a credit/no credit course – students are allowed to take 1-5 credits per quarter of this internship course, and are expected to spend 30 hours per credit hour working on their internship. It is important to note that this course don't count towards degree requirements.

Motion: Approve a new optional course, TECE 701 Internship, for our MSECE

Moved: M. McCourt

Seconded: D. Dawn

Eligible to vote: 9

9 in favor, 0 against, 0 abstained, 0 voting faculty absent

5) Update on “and Systems” issue with our BS in CES with respect to the new ABET criteria

The Chair spoke with ABET and other UW counterparts, and learned that if the CES name change (removing “and systems” from our degree name) is approved by May, then the Registrar in fall will move all current CES students to the new major. This can be done without asking permission from students,

since this does not impact the curriculum and degree requirements in any way. In this case, ABET will need a transcript of a graduate with the new CE degree by July of next year before ABET meets to finalize accreditation decisions. As long as they receive this transcript with the new degree name, there is no issue with ABET.

6) ABET:

- a. Assessment plan for Spring 2022**

- b. Data collection on google shared drive**

- c. Assessment data from Winter 2021**

This item will be discussed in a future meeting.

7) Updates from the advisors

There might be a need for a Circuits course this summer. If we were to offer this course in the summer, it would fill quickly, and would ultimately help EE and CE students who might not be able to complete their course requirements on time. The advisors encouraged the committee to keep the idea of potentially teaching this course in the summer on their radar.

8) Updates from the Faculty Council

Finalized Faculty promotion documents will be shared with the committee soon