

ECE Graduate Committee – Minutes

March 2, 2023

12:30 – 1:30 p.m.

CP 303 / Zoom

Attendance

Voting Faculty: Orlando Baiocchi, Vahid Dargahi*, Debasis Dawn, Mohammed Jasim, Max Laddomada, Thillainathan Logenthiran, Jenny Sheng, Nafiul Siddique

=*absent for vote

Non-Voting Faculty and Staff: Zaide Chavez, Raj Katti, Victoria Olive, Rachel Crook

Absent: Mike McCourt, Matt Tolentino

Items

1) Approve minutes from 2/2/23 meeting

Moved: M. Laddomada

Seconded: T. Logenthiran

Eligible to vote: 10 (1 voting faculty absent for vote, 2 voting faculty absent from meeting)

6 in favor, 0 against, 1 abstain

2) SET Research Showcase

This year's Research Showcase will take place on March 30th from 2 – 5 p.m. An email with more information about this event will be sent soon. All 5 SET majors contributed posters this year, with 25 total planned to present, 4 of which are sponsored by ECE faculty. There was an evaluation rubric created for this year's showcase, which consider the following: research innovation, whether the project is publish/in the process of being published/is something that could be published in the future, grant support, etc. This rubric includes a scoring system (1 – 5), and once the posters are scored, they are then ranked – the top 10 or 12 posters will be selected for award nominations (this is something new that is

planned for this year). The best research poster will be selected to receive the “SET Research Poster Award.” The showcase committee is planning on finding judges to score the posters, some of them may be external (from industry).

3) SET 10-year review

The Chair saved the draft (with included updates as discussed in our last meeting) to the MSECE share drive. The committee was encouraged to take a look and add comments if needed. In the meantime, the Chair will upload this document to the SET Share Drive for the Dean to look over.

4) MSECE course assessment

The committee discussed which courses need to be assessed in spring quarter, based on the SLOs for MSECE.

The current Student Learning Objectives (SLOs) for MSECE are:

1. Master a specific subfield of study within ECE
2. Identify, formulate, and solve complex engineering problems by applying advanced technology, engineering methodologies, and tools
3. Design and validate a complex device or process that meets realistic constraints
4. Communicate professionally and effectively with a range of audiences
5. Collaborate on projects

The committee discussed which SLOs should be used to assess the courses offered in spring 2023, and made updates to the assessment plan draft. The Chair reminded the committee to provide feedback on these changes as soon as possible, including any edits to the language/scoring.

5) Updates from Graduate Advisor

For spring 2023, 1 application is currently pending that will need to be reviewed as soon as possible, and 6 who have been admitted and have paid their deposit (these students will be invited to a pre-registration meeting with the Graduate Advisor). For autumn 2023, there are 2 applications that need GEMs positions (submitted by the Graduate Advisor), and 6 applications are currently in progress and not yet ready for review (missing materials). There are 6 applications for autumn 2023 that need a preliminary review by the Graduate Advisor, and 2 that need the Chair’s review. For spring 2023, there

have been 25 admissions offered total (23 released). There are 4 students total confirmed for autumn 2023. The deadline for international students was extended to June 16th.

The Graduate Advisor will visit undergraduate classes to promote MSECE over the next few weeks.

A recurring issue for prospective students (especially international students) is the lack of funding for MSECE. Since the pool for MSECE is mainly international students, the Graduate Advisor encouraged the committee to continue to look for grants to support these students.

The Graduate Advisor is planning a new student orientation for autumn quarter, and encouraged the committee to participate in this event so new admits can meet them and get to know their research interests.

The committee discussed potentially offering more hybrid classes (mainly online with at least one in-person meeting per quarter so that it doesn't negatively impact F-1 visa students). Having a mixture of in-person and online courses could be beneficial for students, who expect their courses to have some sort of hybrid option.