

ECE Committee Meeting – Minutes

April 13, 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, Mike McCourt, Jenny Sheng, Nafiul Siddique, Matt Tolentino*

***=not present for first vote, **=not present for 2nd and 3rd votes**

Non-Voting Faculty and Staff: Raj Katti, Beth Jeffrey, Chris Barrett, Bob Landowski, Rachel Crook

Items

1) Approve the minutes of our ECE Curriculum meeting held on March 9, 2023

Moved: M. McCourt

Seconded: D. Dawn

Eligible to vote: 10 (1 voting member absent for vote)

9 in favor, 0 against, 0 abstain

2) Reminder to get an annual peer-evaluation of teaching; annual report due May 1st

Details on peer-evaluations are on the SET website under “SET Teaching Resources.” These evaluations need to happen before May 1st.

3) Discuss and vote on double major CENGR+CSS

The Chair has been collaborating with the CSS Chair to ensure that the courses selected for this double major satisfy ABET (satisfying CS and CENGR ABET criteria, which are different). CENGR students need to take certain CS courses to receive a double major, including software engineering, fundamental of

programming language concepts (TCSS 380), algorithms, and take an approved design elective from CS (examples: mobile robotics, database, mobile app programming, advanced software engineering, embedded real-time system programming, game and simulation design). The Chair clarified that this double major is for current CENGR students who want to double major in CS, and that we will continue to work on another double major for current CS students – adding a double major in CENGR for CS students is a little more complicated, since CENGR requires a lot of math and basic science (i.e. physics with labs), and may take longer than 4 years to complete.

Motion: Approve the double major in CENGR+CSS

Moved: M.McCourt

Seconded: M. Jasim

Eligible to vote: 10 (1 voting member absent for vote)

9 in favor, 0 against, 0 abstain

4) Discuss and approve new prerequisites to be admitted to Computer Engineering

By editing the prerequisites to enter the CENGR major, we could potentially allow students to declare their major/receive SET advising earlier in their time at UWT. The requested edits are:

- Remove TMATH 208 Matrix/Linear Algebra
- Remove TPHYS 123 Physics III
- Remove TCSS 143 Object-Oriented Programming

Motion: Approve edits to the prerequisites to be admitted to Computer Engineering major

Moved: M.McCourt

Seconded: J. Sheng

Eligible to vote: 10 (1 voting member absent for vote)

8 in favor, 0 against, 1 abstain

5) Discuss and approve new prerequisites to be admitted to Electrical Engineering

Similar to CENGR, by editing the prerequisites to enter the EE major, we could potentially allow students to declare their major/receive SET advising earlier in their time at UWT. The requested edits are:

- Remove TMATH 208 Matrix/Linear Algebra
- Reduce credits of Computer Programming coursework from 10 to 5

Motion: Approve edits to the prerequisites to be admitted to Electrical Engineering major

Moved: M.McCourt

Seconded: T. Logenthiran

Eligible to vote: 10 (1 voting member absent for vote)

8 in favor, 0 against, 1 abstain

6) Updates on Minor in Construction Management for our EE students

This item will be discussed in a future meeting.

7) Discussion on TCES 390 Seminar to prep our ECE undergraduate students for FE/PE exam

This item will be discussed in a future meeting.

8) Updates from our ECE advisor

The advisor has sent out some admissions offers, some have been admitted already. There are some students from Access in STEM who are interested and these prereq updates will definitely make it easier for them to enter our program. More updates will be provided in our next meeting.

9) Updates from our Faculty Council representatives

This item will be discussed in a future meeting.

10) Updates from our JEDI representatives

This item will be discussed in a future meeting.

11) Updates from the Direct Admission Committee representative

12) Updates from our representative in the SET ABET committee

This item will be discussed in a future meeting.