

ECE Curriculum Committee - AGENDA

Nov. 17, 2022 12.30pm-1.30pm

The meeting is in person in CP 303

Zoom link for the ones who cannot attend in person:

<https://washington.zoom.us/j/96125478299>

In Attendance:

Faculty:

Staff:

Items

- 1) Approve the minutes of our ECE Curriculum meeting held on October 13, 2022
- 2) Discuss questions and suggested external reviewers for our upcoming 10-year review
- 3) Approve syllabus for new course on Machine Learning for ECE students
- 4) Revise prerequisites to be admitted to our EE and CENGR majors.
- 5) Feedback on SET webpages for EE and CENGR programs
- 6) Discuss and approve the latest Computer Engineering PEOs approved by our External Advisory Board in May 2022:

The CES Program Educational Objectives are as follows.

Within three to five years of graduation from the **CES Computer Engineering** program, it is expected that many graduates will have:

- 1) Developed a product or process by applying their knowledge of mathematics, computing, systems and development tools, **and product life cycle management.**
- 2) Applied the principles of mutual respect, safety, quality, integrity and inclusion as a member of a multi-disciplinary development team and undertaken a leadership role when appropriate,

3) ~~Taken graduate courses or continuing education classes to improve their skills and abilities,~~

Improved their skills and abilities by taking graduate courses, professional development training, or voluntary experiential learning opportunities.

4) Made positive contributions to their community and society by applying skills and abilities learned during their undergraduate program in computer engineering ~~and systems,~~

5) Made decisions related to their work that demonstrate an understanding of the importance of being an ethical engineering professional,

6) Applied their technical communication skills to effectively promote their ideas, goals, or products.

Since the objectives are fairly broad, it is not expected that every graduate will achieve every objective.

This is the way CENGR PEOs are published on our SET webpage:

The Program Educational Objectives of our Computer Engineering program are as follows:

Within three to five years of graduation from the Computer Engineering program, it is expected that many graduates will have:

1. Developed a product or process by applying their knowledge of mathematics, computing, systems and development tools, and product life-cycle management.
2. Applied the principles of mutual respect, safety, quality, integrity and inclusion as a member of a multi-disciplinary development team and undertaken a leadership role when appropriate.
3. Improved their skills and abilities by taking graduate courses, professional development training, or voluntary experiential learning opportunities.
4. Made positive contributions to their community and society by applying skills and abilities learned during their undergraduate program in computer engineering.
5. Made decisions related to their work that demonstrate an understanding of the importance of being an ethical engineering professional.
6. Applied their technical communication skills to effectively promote their ideas, goals, or products.

Since the objectives are fairly broad, it is not expected that every graduate will achieve every objective.

7) Updates from our ECE advisor (Beth).

8) Emag issue (Orlando)

9) Old business

10) New business