

Engineering Curriculum Committee Agenda

Meeting: #25
Date: April 7, 2025
Time: 12:30 pm EST
Location: [Virtually via Zoom](#)
Meeting ID: 927 6319 2409
Passcode: 585291
Chair(s): Kinzer-Ursem (co-chair), Oakes (co-chair)

1. ECC meeting #25 agenda review and approval.
2. ECC meeting minutes ([ECC #24 – 03/31/25](#)) review and approval.
3. Consideration by the ECC for ***fast-track approval on behalf of the faculty*** the following EFDs:
 - 3.1. [EFD 156-25 BME 54000 Biomolecules: Structure, Function, And Engineering Applications – change in requisites](#)
4. Consideration by the ECC for ***approval for distribution to the faculty*** the following EFD:
 - 4.1. [EFD 157-25 BME 42901 Biomedical Engineering Design Part II – new undergraduate course](#)
 - 4.2. [EFD 169-25 ENE MS in Engineering Education – change in curriculum](#)
 - 4.3. [EFD 170-25 ENE Certificate in Teaching and Learning in Engineering – change in curriculum](#)
 - 4.4. [EFD 03-26 IDE MS in Sustainable Engineering, and MS in Sustainable Building Design and Operation – new graduate degrees](#)
5. Old Business
 - 5.1. Tabled EFDs

- 5.1.1. [EFD 15-25 BME Concentration in Artificial Intelligence and Digital Health for MSBME – new graduate concentration](#)
- 5.1.2. [EFD 39-25 BME Concentration in Artificial Intelligence and Digital Health with Industry Immersion for MSBME – new graduate concentration](#)
- 5.1.3. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curriculum](#)
- 5.1.4. [EFD 172-25 ME 19901 How Stuff Works Lab Instructor – new undergraduate course](#)

5.2. Flagged EFDs

- 5.2.1. [EFD 30-25 ECE 60125 Optimization for Deep Learning – new graduate course](#)
- 5.2.2. [EFD 74-25 ABE 54200 From Chips to Cloud: Machine Learning in IoT and Computer Systems – new graduate course](#)
- 5.2.3. [EFD 120-25 ME Concentration in Sports Engineering – new graduate concentration](#)

6. New Business

7. Adjournment