

Engineering Curriculum Committee Agenda

Meeting: #15
Date: December 16, 2024
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 #15 agenda review and approval.
2. ECC meeting minutes ([ECC #14 – 12/09/24](#)) review and approval.
3. Consideration by the ECC for ***final approval on behalf of the faculty*** the following EFDs:
 - 3.1. [EFD 59-25 ME 36400 Systematic Engineering Design – new undergraduate course](#)
 - 3.2. [EFD 61-25 BME 65500 Multiscale Modeling in Biomedical Engineering – new graduate course](#)
 - 3.3. [EFD 68-25 ENGR 699xx Doctor of Engineering Research Course – new graduate course](#)
 - 3.4. [EFD 69-25 COE Certificate in Innovation in Public Service – new undergraduate certificate](#)
4. Consideration by the ECC for ***approval for distribution to the faculty*** the following EFDs:
 - 4.1. [EFD 74-25 ABE 54200 From Chips to Cloud: Machine Learning in IoT and Computer Systems – new graduate course](#)
 - 4.2. [EFD 75-25 ABE Certificate in Biotechnology Quality and Regulatory Compliance – change in curriculum](#)

4.3. [EFD 77-25 ABE Concentration in Fluid Power and Motion Control – change in curriculum](#)

4.4. [EFD 82-25 AAE 53600 Computational Combustion and Propulsion – new graduate course](#)

5. Old Business

5.1. Tabled EFDs

5.1.1. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula](#)

5.1.2. [EFD 27-25 ECE 60001 Ideas to Innovation I – new graduate course](#)

5.1.3. [EFD 28-25 ECE 60002 Ideas to Innovation II - new graduate course](#)

5.2. Flagged EFDs

5.2.1. [EFD 40-24 ENE 68600 Succeeding as an Engineering Professor – new graduate course](#)

5.2.2. [EFD 30-25 ECE 60125 Optimization for Deep Learning – new graduate course](#)

6. New Business

7. Adjournment