

Engineering Curriculum Committee Agenda

Meeting: #25
Date: April 29, 2024
Time: 12:30 pm EST
Location: [Virtually via Zoom](#)
Meeting ID: 917 0410 8591
Passcode: 742090
Chair(s): Alexeenko (co-chair), Kinzer-Ursem (co-chair)

1. ECC meeting #25 agenda review and approval.
2. ECC meeting minutes ([ECC #24 – 04/22/24](#)) review and approval.
3. Consideration by the ECC for *final approval on behalf of the faculty* the following EFDs:
 - 3.1. [EFD 113-24 AAE Certificate in Space Engineering – new undergraduate certificate](#)
4. Consideration by the ECC for *approval for distribution to the faculty* the following EFDs:
 - 4.1. [EFD 01-25 ECE 60864 Advanced Internet of Things Design and Applications – new graduate course](#)
 - 4.2. [EFD 02-25 ECE 50641 Semiconductor Fundamentals – new graduate course](#)
 - 4.3. [EFD 03-25 ECE 50642 Essentials of Transistors – new graduate course](#)
 - 4.4. [EFD 04-25 ECE 60131 Inference and Learning in Generative Models – new graduate course](#)
 - 4.5. [EFD 05-25 ECE 60850 Datacenter and Cloud Networks – new graduate course](#)
 - 4.6. [EFD 06-25 ECE 50874 Advanced Software Engineering – new graduate course](#)
 - 4.7. [EFD 07-25 ECE 50650 – Applied Quantum Computing 1: Fundamentals – new graduate course](#)

- 4.8. [EFD 08-25 ECE 50651 – Applied Quantum Computing 2: Hardware – new graduate course](#)
- 4.9. [EFD 09-25 ECE 50652 – Applied Quantum Computing 3: Algorithm and Software – new graduate course](#)

5. Old Business

5.1. Tabled EFDs

- 5.1.1. [EFD 82-24 ME 20000 Thermodynamics I – change in requisites](#)
- 5.1.2. [EFD 83-24 ME 27000 Basic Mechanics – change in requisites](#)
- 5.1.3. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula](#)
- 5.1.4. [EFD 111-24 IDE Major in Smart Cities and Urban Informatics – new graduate major](#)

5.2. Flagged EFDs

- 5.2.1. [EFD 40-24 ENE 68600 Succeeding as an Engineering Professor – new graduate course](#)
- 5.2.2. [EFD 75-24 CE 57400 Introduction to Applied Computer Vision in Civil Engineering – new graduate course](#)
- 5.2.3. [EFD 109-24 EEE Concentration in Sustainability Engineering – new graduate concentration](#)

6. New Business

- 6.1. Discussion about learning outcomes in Curriculum EFDs.

7. Adjournment