

Engineering Curriculum Committee Agenda

Meeting: #21
Date: March 25, 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 #21 agenda review and approval.
2. ECC meeting minutes ([ECC #20 – 03/04/24](#)) review and approval.
3. Consideration by the ECC for *final approval on behalf of the faculty* the following EFDs via electronic vote:
 - 3.1. [EFD 18-24 CHE Concentration in Semiconductors – new undergraduate concentration](#)
 - 3.2. [EFD 31-24 ECE 60004 Communication for Engineering Leaders – new graduate course](#)
 - 3.3. [EFD 76-24 VIP 37900 Participation in Vertically Integrated Projects – new undergraduate course](#)
 - 3.4. [EFD 77-24 ENGR 22000\(1\)\(2\)\(3\) First-Time Researcher – new undergraduate course](#)
4. Consideration by the ECC for *fast-track approval on behalf of the faculty* the following EFDs via electronic vote:
 - 4.1. [EFD 104-24 ABE 45300 Leadership in Biotechnology – change in course description](#)
 - 4.2. [EFD 105-24 ABE 50100 Welding Engineering – change in requisites](#)

- 4.3. [EFD 107-24 MSE 44500 Materials Engineering Systems Analysis and Design – change in requisites](#)
5. Consideration by the ECC for *approval for distribution to the faculty* the following EFDs:
 - 5.1. [EFD 08-24 ECE BSEE Degree Requirements – change in curricula](#)
 - 5.2. [EFD 09-24 ECE BSCmpE Degree Requirements – change in curricula](#)
 - 5.3. [EFD 10-24 ECE Concentration in Electric Power and Energy Systems – change in curricula](#)
 - 5.4. [EFD 11-24 ECE Concentration in Automatic Concentration – change in curricula](#)
 - 5.5. [EFD 12-24 ECE Concentration in Artificial Intelligence and Machine Learning \(BSEE\) – change in curricula](#)
 - 5.6. [EFD 13-24 Concentration in Microelectronics and Semiconductors \(BSEE\) – change in curricula](#)
 - 5.7. [EFD 14-24 ECE Concentration in Wireless and Optical Engineering – change in curricula](#)
 - 5.8. [EFD 15-24 ECE Concentration in Quantum Technology – change in curricula](#)
 - 5.9. [EFD 89-24 ECE Concentration in Artificial Intelligence and Machine Learning \(BSCmpE\) – change in curricula](#)
 - 5.10. [EFD 90-24 ECE Concentration in Microelectronics and Semiconductors \(BSCmpE\) – change in curricula](#)
 - 5.11. [EFD 91-24 ECE Concentration in Computer Systems – change in curricula](#)
 - 5.12. [EFD 92-24 ECE Concentration in Software Engineering – change in curricula](#)
 - 5.13. [EFD 93-24 ECE Minor in Electrical and Computer Engineering – change in curricula](#)

- 5.14. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula](#)
- 5.15. [EFD 95-24 ECE Minor in Microelectronics and Semiconductors – new curricula](#)
- 5.16. [EFD 108-24 ECE 61025 Finite Element Analysis of Electric Machines – change in course title, number, and description](#)
- 5.17. [EFD 110-24 ECE Major in Software Engineering – new graduate major](#)
- 5.18. [EFD 65-24 IDE Doctor of Engineering – new graduate degree](#)
- 5.19. [EFD 79-24 ENGR 60200 Research Fundamentals – new graduate course](#)
- 5.20. [EFD 80-24 ENGR 60300 Doctor of Engineering Seminar – new graduate course](#)
- 5.21. [EFD 81-24 ENGR 60100 Doctor of Engineering Fundamentals – new graduate course](#)
- 5.22. [EFD 106-24 IDE Major in Systems Engineering – new graduate major](#)
- 5.23. [EFD 111-24 IDE Major in Smart Cities and Urban Informatics – new graduate major](#)

6. Old Business

6.1. Flagged EFDs

- 6.1.1. [EFD 40-24 ENE 68600 Succeeding as an Engineering Professor – new graduate course](#)
- 6.1.2. [EFD 75-24 CE 57400 Introduction to Applied Computer Vision – new graduate course](#)

7. Adjournment