

Engineering Curriculum Committee Minutes

Meeting: #21
Date: March 25, 2024
Present: Kinzer-Ursem (chair), Comer, Deolia, Duffy, Engelberth, Garner, Hess, Howarter, Iseley, Martinez, Thomson, Tong, Zoltowski
Recorder: Vaughn

1. Meeting was called to order at 12:34 pm.
2. Motion to **approve the agenda for meeting #21** was made by Comer and seconded by Howarter. Motion passed unanimously.
3. Motion to **approve the minutes from meeting #20 (03/04/24)** was made by Comer and seconded by Iseley. Motion passed with one abstention.
4. The following EFDs received **final approval on behalf of the faculty** via electronic vote.
 - 4.1. EFD 18-24 CHE Concentration in Semiconductors – new undergraduate concentration
 - 4.2. EFD 31-24 ECE 60004 Communication for Engineering Leaders – new graduate course
 - 4.3. EFD 76-24 VIP 37900 Participation in Vertically Integrated Projects – new undergraduate course
 - 4.4. EFD 77-24 ENGR 22000(1)(2)(3) First-Time Researcher – new undergraduate course
5. The following EFDs received **fast-track approval on behalf of the faculty** via electronic vote.
 - 5.1. EFD 104-24 ABE 45300 Leadership in Biotechnology – change in course description
 - 5.2. EFD 105-24 ABE 50100 Welding Engineering – change in requisites

- 5.3. EFD 107-24 MSE 44500 Materials Engineering Systems Analysis and Design – change in requisites
6. Motion to **approve for distribution to the faculty** the following EFDs was made by Comer and seconded by Zoltowski. Motion passed unanimously.
 - 6.1. EFD 08-24 ECE BSEE Degree Requirements – change in curricula
 - 6.2. EFD 09-24 ECE BSCmpE Degree Requirements – change in curricula
7. Motion to **approve for distribution to the faculty** the following EFDs was made by Comer and seconded by Zoltowski. Motion passed unanimously.
 - 7.1. EFD 10-24 ECE Concentration in Electric Power and Energy Systems – change in curricula
 - 7.2. EFD 11-24 ECE Concentration in Automatic Concentration – change in curricula
 - 7.3. EFD 12-24 ECE Concentration in Artificial Intelligence and Machine Learning (BSEE) – change in curricula
 - 7.4. EFD 13-24 Concentration in Microelectronics and Semiconductors (BSEE) – change in curricula
 - 7.5. EFD 14-24 ECE Concentration in Wireless and Optical Engineering – change in curricula
 - 7.6. EFD 15-24 ECE Concentration in Quantum Technology – change in curricula
 - 7.7. EFD 89-24 ECE Concentration in Artificial Intelligence and Machine Learning (BSCmpE) – change in curricula
 - 7.8. EFD 90-24 ECE Concentration in Microelectronics and Semiconductors (BSCmpE) – change in curricula
 - 7.9. EFD 91-24 ECE Concentration in Computer Systems – change in curricula
 - 7.10. EFD 92-24 ECE Concentration in Software Engineering – change in curricula

8. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. Motion passed unanimously.

8.1. EFD 93-24 ECE Minor in Electrical and Computer Engineering – change in curricula

9. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. EFD was tabled.

9.1. EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula

10. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. Motion passed unanimously.

10.1. EFD 95-24 ECE Minor in Microelectronics and Semiconductors – new curricula

11. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. Motion passed unanimously.

11.1. EFD 108-24 ECE 61025 Finite Element Analysis of Electric Machines – change in course title, number, and description

12. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Engelberth. EFD was tabled.

12.1. EFD 110-24 ECE Major in Software Engineering – new graduate major

13. Motion to **approve for distribution to the faculty** the following EFDs was made by Comer and seconded by Zoltowski. Motion passed unanimously.

13.1. EFD 65-24 IDE Doctor of Engineering – new graduate degree

13.2. EFD 79-24 ENGR 60200 Research Fundamentals – new graduate course

13.3. EFD 80-24 ENGR 60300 Doctor of Engineering Seminar – new graduate course

13.4. EFD 81-24 ENGR 60100 Doctor of Engineering Fundamentals – new graduate course

14. Motion to **approve for distribution to the faculty** the following EFD was made by Duffy and seconded by Hess. Motion passed unanimously.

14.1. EFD 106-24 IDE Major in Systems Engineering – new graduate major

15. Motion to **approve for distribution to the faculty** the following EFD was made by Zoltowski and seconded by Iseley. EFD was tabled.

15.1. EFD 111-24 IDE Major in Smart Cities and Urban Informatics – new graduate major

16. Old Business

16.1. Flagged EFDs:

16.1.1. EFD 40-24 ENE 68600 Succeeding as an Engineering Professor – new graduate course

16.1.2. EFD 75-24 CE 57400 Introduction to Applied Computer Vision – new graduate course

17. New Business

17.1. No new business

18. Motion to adjourn was made by Zoltowski and seconded by Howarter. The meeting adjourned at 1:44 pm.