

Engineering Curriculum Committee Minutes

Meeting: #25
Date: April 29, 2024
Present: Alexeenko (co-chair), Kinzer-Ursem (co-chair), Comer, Deolia, Duffy, Engelberth, Garner, Hess, Horton, Howarter, Iseley, Thomson, Tomar, Tong, Zoltowski
Recorder: Vaughn

1. Meeting was called to order at 12:32 pm.
2. Motion to **approve the agenda for meeting #25** was made by Hess and seconded by Engelberth. Motion passed unanimously.
3. Motion to **approve the minutes from meeting #24 (04/22/24)** was made by Comer and seconded by Howarter. Motion passed with one abstention.
4. Motion to **approve on behalf of the faculty** the following EFD was made by Tomar and seconded by Howarter. Motion passed unanimously.
 - 4.1. EFD 113-24 AAE Certificate in Space Engineering – new undergraduate certificate
5. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. Motion passed unanimously.
 - 5.1. EFD 01-25 ECE 60864 Advanced Internet of Things Design and Applications – new graduate course
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 02-25 ECE 50641 Semiconductor Fundamentals – new graduate course
 - 6.2. EFD 03-25 ECE 50642 Essentials of Transistors – new graduate course
7. Motion to **approve for distribution to the faculty** the following EFD was made by Comer and seconded by Zoltowski. Motion passed unanimously.

7.1. EFD 04-25 ECE 60131 Inference and Learning in Generative Models – new graduate course

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 05-25 ECE 60850 Datacenter and Cloud Networks – new graduate course

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

9.1. EFD 06-25 ECE 50874 Advanced Software Engineering – new graduate course

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

10.1. EFD 07-25 ECE 50650 – Applied Quantum Computing 1: Fundamentals – new graduate course

10.2. EFD 08-25 ECE 50651 – Applied Quantum Computing 2: Hardware – new graduate course

10.3. EFD 09-25 ECE 50652 – Applied Quantum Computing 3: Algorithm and Software – new graduate course

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

12. Motion to **approve on behalf of the faculty** the following EFD was made by Horton and seconded by Zoltowski. Motion passed unanimously.

12.1. EFD 75-24 CE 57400 Introduction to Applied Computer Vision in Civil Engineering – new graduate course

13. Old Business

13.1. Flagged EFDs:

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

13.1.2. EFD 109-24 EEE Concentration in Sustainability Engineering – new graduate concentration

14. New Business

14.1. No new business

15. Motion to adjourn was made by Engelberth and seconded by Howarter. The meeting adjourned at 1:35 pm.