

Engineering Curriculum Committee Agenda

Meeting: #20
Date: February 17, 2025
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 #20 agenda review and approval.
2. ECC meeting minutes ([ECC #19 – 02/10/25](#)) review and approval.
3. Consideration by the ECC for ***final approval on behalf of the faculty*** the following EFDs:
 - 3.1. [EFD 84-25 COE Certificate in Business Essentials for Engineering Leadership – new undergraduate certificate](#)
 - 3.2. [EFD 85-25 ENGR 30301 Business Essentials Executive Forum – new undergraduate course](#)
 - 3.3. [EFD 86-25 AAE 52900 Nonequilibrium Hypersonic Flow – new graduate course](#)
 - 3.4. [EFD 88-25 ME 23900 Introduction to Data Science for Mechanical Engineers – new undergraduate course](#)
 - 3.5. [EFD 89-25 ME 16400 Geometric and Annotation Modeling – new undergraduate course](#)
 - 3.6. [EFD 113-25 OPP 30999, 31999, 32999, 33999, 34999, 39699, 39899 – new undergraduate courses](#)
 - 3.7. [EFD 114-25 AAE 43200 Orbital Analysis – new undergraduate course](#)
 - 3.8. [EFD 115-25 AAE 54100 Attitude Determination and Control – new graduate course](#)

- 3.9. [EFD 16-25 AAE 56200 Aerospace Eng Probability and Estimation – new graduate course](#)
- 3.10. [EFD 117-25 AAE 57300 Aerospace Human Factors – new graduate course](#)
4. Consideration by the ECC for ***approval for distribution to the faculty*** the following EFDs:
 - 4.1. [EFD 126-25 IE BS in Industrial Engineering – change in curricula](#)
 - 4.2. [EFD 142-25 CE Concentration in Construction Engineering and Business – new graduate concentration](#)
 - 4.3. [EFD 145-25 CHE Professional Master's Program Internship Track – new graduate track](#)
 - 4.4. [EFD 149-25 ME BS in Motorsports Engineering – change in curricula](#)
5. **Old Business**
 - 5.1. **Tabled EFDs**
 - 5.1.1. [EFD 15-25 BME Concentration in Artificial Intelligence and Digital Health for MSBME – new graduate concentration](#)
 - 5.1.2. [EFD 39-25 BME Concentration in Artificial Intelligence and Digital Health with Industry Immersion for MSBME – new graduate concentration](#)
 - 5.1.3. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula](#)
 - 5.1.4. [EFD 110-25 ECE 64700 Performance Modeling of Computer Communications Networks – change in course title, description, and requisites](#)
 - 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](#)
- 5.2.3. [EFD 74-25 ABE 54200 From Chips to Cloud: Machine Learning in IoT and Computer Systems – new graduate course](#)
- 5.2.4. [EFD 108-25 ECE 50005 Intellectual Property Generation and Management – new graduate course](#)
- 5.2.5. [EFD 120-25 ME Concentration in Sports Engineering – new graduate concentration](#)

6. New Business

7. Adjournment