

Engineering Curriculum Committee Agenda

Meeting: #19
Date: February 10, 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 #19 agenda review and approval.
2. ECC meeting minutes ([ECC #18 – 02/03/25](#)) review and approval.
3. The following courses added Purdue Indianapolis location, were ***auto-approved on behalf of the faculty***, and will be read into the minutes:
 - 3.1. BME 36000, BME 36600, BME 38000, BME 45000, BME 46000, BME 47000, BME 50100, BME 51000, BME 51100, BME 51500, BME 52100, BME 52800, BME 53000, BME 54000, BME 54200, BME 55100, BME 55300, BME 55500, BME 55600, BME 56100, BME 56200, BME 56300, BME 56400, BME 58100, BME 58300, BME 60000, BME 64600, BME 68300, BME 69000
4. Consideration by the ECC for ***final approval on behalf of the faculty*** the following EFDs:
 - 4.1. [EFD 32-25 ME Minor in Intellectual Property Law for Engineers – change in curriculum](#)
 - 4.2. [EFD 78-25 ABE 35100 Industrial Microbial Biotechnology in Germany – new undergraduate course](#)
 - 4.3. [EFD 79-25 ABE Minor in Biotechnology – change in curriculum](#)
 - 4.4. [EFD 93-25 MSPE 29000 Motorsports Engineering Seminar – new undergraduate course](#)

- 4.5. [EFD 98-25 MSPE 33000 Systems Engineering for Motorsports – new undergraduate course](#)
- 4.6. [EFD 102-25 MSPE 42600 Motorsports Powertrain – change in course title, description, and requisites](#)
- 4.7. [EFD 103-25 MSPE 43100 Race Engineering – new undergraduate course](#)
- 4.8. [EFD 106-25 MSPE 27200, 29700, 29900, 41000, 41800 – course expirations](#)
5. Consideration by the ECC for ***fast-track approval on behalf of the faculty*** the following EFDs:
 - 5.1. [EFD 141-25 ME 20000, ME 30800, ME 31500, ME 35400, ME 36500, ME 37500, ME 46300 – change in requisites](#)
 - 5.2. [EFD 127-25 IE 33000 Probability and Statistics for Engineers II – change in requisites](#)
 - 5.3. [EFD 128-25 IE 34300 Engineering Economics – change in requisites](#)
6. Consideration by the ECC for ***approval for distribution to the faculty*** the following EFDs:
 - 6.1. [EFD 90-25 ME 41200 Additive Manufacturing: Fundamentals, Equipment, and Applications – new undergraduate course](#)
 - 6.2. [EFD 120-25 ME Concentration in Sports Engineering – new graduate concentration](#)
 - 6.3. [EFD 140-25 ME BS in Mechanical Engineering – change in curriculum](#)
 - 6.4. [EFD 126-25 IE BS in Industrial Engineering – change in curriculum](#)
 - 6.5. [EFD 142-25 CCE Concentration in Construction Engineering and Business – new graduate concentration](#)
7. **Old Business**
 - 7.1. **Tabled EFDs**

- 7.1.1. [EFD 15-25 BME Concentration in Artificial Intelligence and Digital Health for MSBME – new graduate concentration](#)
- 7.1.2. [EFD 39-25 BME Concentration in Artificial Intelligence and Digital Health with Industry Immersion for MSBME – new graduate concentration](#)
- 7.1.3. [EFD 94-24 ECE Minor in Artificial Intelligence and Machine Learning – change in curricula](#)
- 7.1.4. [EFD 110-25 ECE 64700 Performance Modeling of Computer Communications Networks – change in course title, description, and requisites](#)

7.2. Flagged EFDs

- 7.2.1. [EFD 40-24 ENE 68600 Succeeding as an Engineering Professor – new graduate course](#)
- 7.2.2. [EFD 30-25 ECE 60125 Optimization for Deep Learning – new graduate course](#)
- 7.2.3. [EFD 74-25 ABE 54200 From Chips to Cloud: Machine Learning in IoT and Computer Systems – new graduate course](#)
- 7.2.4. [EFD 108-25 ECE 50005 Intellectual Property Generation and Management – new graduate course](#)

8. New Business

9. Adjournment