

## Engineering Curriculum Committee Minutes

**Meeting:** #11  
**Date:** December 4, 2023  
**Present:** Kinzer-Ursem (chair), Alexeenko (co-chair), Comer, Duffy, Engelberth, Garner, Hess, Horton, Howarter, Iseley, Kim, Martinez, Panchal, Zoltowski  
**Recorder:** Vaughn

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1. Meeting was called to order at 12:32 pm.
2. Motion to **approve the agenda for meeting #11** was made by Iseley and seconded by Engelberth. Motion passed unanimously.
3. Motion to **approve the minutes from meeting #10** (11/27/23) was made by Comer and seconded by Iseley. Motion passed with unanimously.
4. Motion to **approve on behalf of the faculty** the following EFD was made by Iseley and seconded by Hess. Motion passed unanimously.
  - 4.1. EFD 34-24 BME IUPUI Integration - IUPUI realignment
5. Motion to **approve on behalf of the faculty** the following EFD's was made by Horton and seconded by Iseley. Motion passed unanimously.
  - 5.1. EFD 57-24 CE 52900 Smart Construction - new graduate course
  - 5.2. EFD 58-24 CE 56201 Vehicular Cyber Physical Systems - new graduate course
  - 5.3. EFD 59-24 CE 56401 Data Science for Smart Cities -new graduate course
  - 5.4. EFD 60-24 CE 56601 Network Models for CAVs - new graduate course
  - 5.5. EFD 61-24 CE 56901 Smart Logistics - new graduate course
  - 5.6. EFD 19-24 IDE Concentration in Strategy and Defense Engineering – new graduate concentration

6. Motion to **approve on behalf of the faculty** the following EFD's was made by Howarter and seconded by Iseley. Motion passed unanimously.
  - 6.1. EFD 22-24 EEE 55401 Water Chemistry for Environmental and Ecological Engineering - new graduate course
  - 6.2. EFD 36-24 EEE 36001 Water Quality and Treatment - new undergraduate course
  
7. Motion to **approve on behalf of the faculty** the following EFD's was made by Howarter and seconded by Zoltowski. Motion passed unanimously.
  - 7.1. EFD 37-24 EEE 36002 Environmental Sustainability for Industry- new undergraduate course
  - 7.2. EFD 43-24 EEE 48001 Environmental and Ecological Engineering Senior Design- new undergraduate course
  - 7.3. EFD 44-24 EEE 48002 Environmental and Ecological Engineering Senior Design 2 - new undergraduate course
  
8. Motion to **approve on behalf of the faculty** the following EFD's was made by Panchal and seconded by Comer. Motion passed unanimously.
  - 8.1. EFD 38-24 (ME) Concentration in Energy Processes and Systems for BSME - new undergraduate concentration
  - 8.2. EFD 45-24 ME Hybrid Vehicle Systems Certificate - change in curricula
  
9. Motion to **approve for distribution to the faculty** the following EFD's was made by Engelberth and seconded by Comer. Motion passed unanimously.
  - 9.1. EFD 50-24 ABE BS in Biological Engineering - change in curricula
  - 9.2. EFD 51-24 ABE 45000 Finite Element Method in Design and Optimization – change in course title, description, requisites, and learning outcomes

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

10.1. **EFD 17-24 ECE IUPUI Integration - IUPUI realignment**

11. Old Business

11.1. Tabled EFDs remaining:

11.1.1. **EFD 20-24 AAE 51200 Computational Aerodynamics - change in requisites**

11.1.2. **EFD 76-21 CHE Concentration in Healthcare Technology for Online IDE Master's Program - new graduate concentration**

11.1.3. **EFD 77-21 CHE Grad Certificate in Healthcare Technology – new graduate certificate**

11.1.4. **EFD 18-24 CHE Concentration in Semiconductors for BS in CHE – new undergraduate concentration**

11.2. Flagged EFD's

11.2.1. None

12. New Business

12.1. No new business.

13. Motion to adjourn was made by Engelberth and seconded by Comer. The meeting adjourned at 1:25 pm.