

## Memorandum

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TO: Engineering Curriculum Committee  
FROM: Karen Marais  
DATE: February 27, 2019  
RE: Agenda for Meeting #11– Monday, March 4, 2019 in ARMS 3041 at 12:30pm

1. Call to order
2. ECC meeting #11 agenda review and approval.
3. Meeting minutes (ECC #10 2/18/2019) review and approval.
4. Fast Track consideration for EFD:
  - EFD 98-19 AAE 20300 Aeromechanics I, 20400 Aeromechanics II, 25100 Introduction to Aerospace Design – Adding College of Engineering restriction
5. Consideration by the ECC for approval to distribute to the faculty the following EFD:
  - EFD 100-19 Update to ECC Process
6. Consideration by the ECC for approval to distribute to the faculty the following EFD:
  - EFD 101-19 ME 19900 How Stuff Works – new undergraduate course
7. Consideration by the ECC for approval to distribute to the faculty the following EFD:
  - EFD 93-19 ENGR 47912 Senior Design Participation in Vertically Integrated Projects II (VIP)– new undergraduate course
  - EFD 92-19 ENGR 47911 Senior Design Participation in Vertically Integrated Projects I (VIP)– new undergraduate course
  - EFD 91-19 ENGR 17912 First-Year Participation in Vertically Integrated Projects II (VIP) – new undergraduate course
  - EFD 90-19 ENGR 17911 17912 First-Year Participation in Vertically Integrated Projects I (VIP) – new undergraduate course
  - EFD 75-19 ENGR 47900 Senior Participation in Vertically Integrated Projects (VIP) – new undergraduate course
  - EFD 74-19 ENGR 37900 Junior Participation in Vertically Integrated Projects (VIP) – new undergraduate course
  - EFD 73-19 ENGR 27900 Sophomore Participation in Vertically Integrated Projects (VIP) – new undergraduate course



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- EFD 72-19 ENGR 17900 First-Year Participation in Vertically Integrated Projects (VIP) – new undergraduate course
8. Consideration by the ECC for approval to distribute to the faculty the following EFD:
    - EFD 96-19 ECE 20875 Python for Data Science - new undergraduate course
  9. Consideration by the ECC for approval to distribute to the faculty the following EFD:
    - EFD 89-19 ECE 30412 Electromagnetics II - new undergraduate course
  10. Consideration by the ECC for approval to distribute to the faculty the following EFD:
    - EFD 88-19 ECE 30411 Electromagnetics I - new undergraduate course
  11. Consideration by the ECC for approval to distribute to the faculty the following EFD:
    - EFD 54-19 ECE 30200 Probabilistic Methods in Electrical and Computer Engineering – change in course description
  12. Consideration by the ECC for approval to distribute to the faculty the following EFD:
    - EFD 53-19 ECE 47000 Industrial Practice Seminar I – change in requisites
  13. Consideration by the ECC for approval to distribute to the faculty the following EFDs:
    - EFD 30-18 ECE 49600 Operating Systems Engineering- change in requisites
  14. Consideration by the ECC for approval on behalf of the faculty the following EFDs:
    - EFD 86-19 ECE 39401 Professional Communication and Diversity – new undergraduate course
    - EFD 85-19 29401 ECE Electrical and Computer Engineering Sophomore Seminar - new undergraduate course
    - EFD 87-19 ECE 49401 Professional Communication Capstone – new undergraduate course
    - EFD 58-19 ECE 20008 Electrical Engineering Fundamentals II Lab - new undergraduate course
    - EFD 57-19 ECE 20002 Electrical Engineering Fundamentals II - new undergraduate course
    - EFD 56-19 ECE 20007 Electrical Engineering Fundamentals I Lab - new undergraduate course
    - EFD 55-19 ECE 20001 Electrical Engineering Fundamentals I - new undergraduate course
    - EFD 79-19 AAE 35200 Structural Analysis – change in requisites
    - EFD 82-19 AAE 51700 Unsteady Aerodynamics - expire
    - EFD 81-19 AAE 54700 & 59900 Experimental Stress Analysis and The Mechanics of Friction and Wear – expire
    - EFD 80-19 AAE 19000 Introduction to Aerospace Engineering - expire
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15. Old Business
16. New business
17. Adjournment



**Engineering Curriculum Committee**

**Minutes of Meeting #10**

**February 18, 2019**

Present: Marais, Midkiff, Kvam, Cherkauer, Nies, Weidner, Krousgrill, Liu, Bean, Berger, Yuan  
Recorder: Ortiz

1. Meeting was called to order at 12:31 pm in ARMS 3001.
2. Motion to approve the agenda for meeting #10 was made by Midkiff and seconded by Cherkauer was approved unanimously with no abstentions.
3. Motion to approve the minutes from meeting #9 (2/04/2018) was made by Cherkauer and seconded by Nies. Motion passed unanimously with no abstentions.
4. Fast- Track EFD 97-19 ENE 69000 Seminar in Engineering Education – adding distance option was approved on behalf of the faculty.
5. A motion was made by Midkiff and second by Kvam to approve the following EFDs for distribution to the faculty:
  - a. EFD 86-19 ECE 39401 Professional Communication and Diversity – new undergraduate course
  - b. EFD 85-19 29401 ECE Electrical and Computer Engineering Sophomore Seminar - new undergraduate course
  - c. EFD 87-19 ECE 49401 Professional Communication Capstone – new undergraduate course

Discussion led by Midkiff. Motion passed unanimously with no abstentions.

6. A motion was made by Midkiff and second by Kvam to approve the following EFDs for distribution to the faculty:
  - a. EFD 58-19 ECE 20008 Electrical Engineering Fundamentals II Lab - new undergraduate course
  - b. EFD 57-19 ECE 20002 Electrical Engineering Fundamentals II - new undergraduate course
  - c. EFD 56-18 ECE 20007 Electrical Engineering Fundamentals I Lab - new undergraduate course
  - d. EFD 55-19 ECE 20001 Electrical Engineering Fundamentals I - new undergraduate course

Discussion led by Midkiff. Motion passed unanimously with no abstentions.

7. A motion was made by Marais and second by Midkiff to approve the following EFD for distribution to the faculty
  - a. EFD 79-19 AAE 35200 Structural Analysis – change in requisites

Discussion led by Marais. Motion passed unanimously with no abstentions.

8. A motion was made by Marais and second by Yuan to approve the following EFDs for distribution to the faculty:

- a. EFD 82-19 AAE 51700 Unsteady Aerodynamics - expire
- b. EFD 81-19 AAE 54700 & 59900 Experimental Stress Analysis and The Mechanics of Friction and Wear – expire
- c. EFD 80-19 AAE 19000 Introduction to Aerospace Engineering - expire

Discussion led by Marais. Motion passed unanimously with no abstentions.

9. Old Business

- a. Motion was made by Marais and seconded by Bean to send EFD 100-19 Update to EFD Process to the ELT for consideration. Motion passed unanimously with no abstentions.

10. Motion to adjourn was made by Kvam and seconded by Cherkauer. The meeting adjourned at 12:57pm.