

Memorandum

TO: Engineering Curriculum Committee
FROM: Karen Marais
DATE: December 7, 2018
RE: Agenda for Meeting #8– Monday, December 10, 2018 in ARMS 3041 at 12:30pm

1. Call to order
2. ECC meeting #8 agenda review and approval.
3. Meeting minutes (ECC #7 12/03/2018) review and approval.
4. Consideration by the ECC for approval on behalf of the faculty the following EFD:
 - EFD 20-19 ENGR 59600 Experimental Course – new graduate course
5. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 64-19 ENE 50101 Foundations of Engineering Education
6. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 48-19 ENE 10301 Engineering Exploration – new undergraduate course
7. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 37-19 61020 ECE Operation of Modern Power Systems – new graduate course
8. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 1-19 ME 46300 Engineering Design – course revision
9. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 78-18 BME 55600 Introduction to Clinical Medicine for Engineering Solutions – new graduate course
10. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 47-18 BME 41000 Neural Engineering – new undergraduate course
 - EFD 45-18 BME 45000 Deep Learning for Medical Engineering – new undergraduate course
11. Consideration by the ECC for distribution to the faculty the following EFD:
 - EFD 35-18 IE 33000 Probability and Statistics in Engineering II – course revision
 - EFD 34-18 IE 34300 Engineering Economics – course revision
 - EFD 33-19 IE 37000 Manufacturing Processes I – course revision



12. Old Business

13. New business

14. Adjournment



Engineering Curriculum Committee

Minutes of Meeting #7

December 3, 2018

Present: Berger, Weidner, Midkiff, Liu, Nies, Cherkauer, Kvam, Bean, Groll, Marais

Recorder: Ortiz

1. Meeting was called to order at 12:35 pm in ARMS 3041.
2. Motion to approve the agenda for meeting #7 was made by Weidner and seconded by Liu was approved unanimously with no abstentions.
3. Motion to approve the minutes from meeting #6 (11/12/2018) was made by Weidner and seconded by Liu. Motion passed unanimously with no abstentions.
4. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty: A motion was made by Kvam and seconded by Weidner to consider EFDs as one collection. Motion failed.
 - a. EFD 20-19 ECE 51300 Diffraction, Fourier Optics, and Imaging – course revision
Discussion led by Midkiff. Motion passed unanimously
5. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 21-19 ECE 54700 Introduction to Computer Communication Networks– course revision
Discussion led by Midkiff. Motion passed unanimously
6. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 22-19 ECE 55700 Integrated Circuit Fabrication Laboratory– course revision
Discussion led by Midkiff. Motion passed unanimously
7. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 23-19 ECE 56500 Computer Architecture
Discussion led by Midkiff. Motion passed unanimously
8. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 24-19 ECE 57000 Artificial Intelligence– course revision
Discussion led by Midkiff. Motion passed unanimously
9. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 25-19 ECE 57700 Engineering Aspects of Remote Sensing– course revision
Discussion led by Midkiff. Motion passed unanimously
10. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 26-19 ECE 60600 Solid State Devices– course revision
Discussion led by Midkiff. Motion passed unanimously

11. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 27-19 ECE 61000 Energy Conversion– course revision
Discussion led by Midkiff. Motion passed unanimously
12. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 28-19 ECE 62500 Analysis of Electromechanical Systems II– course revision
Discussion led by Midkiff. Motion passed unanimously
13. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 29-19 ECE 64100 Model-Based Image and Signal Processing– course revision
Discussion led by Midkiff. Motion to table made by Bean and seconded by Berger.
14. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 30-19 ECE 64700 Performance Modeling of Computer Communications– course revision
Discussion led by Midkiff. Motion passed unanimously
15. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 31-19 ECE 65400 Solid State Devices II– course revision
Discussion led by Midkiff. Motion passed unanimously
16. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 32-19 ECE 65600 Electronic Transport in Semiconductors– course revision
Discussion led by Midkiff. Motion passed unanimously
17. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 33-19 ECE 65800 Semiconductor Material and Device Characterization– course revision
Discussion led by Midkiff. Motion passed unanimously
18. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 34-19 ECE 65900 Quantum Phenomena in Semiconductors– course revision
Discussion led by Midkiff. Motion passed unanimously
19. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 35-19 ECE 66300 Compiler Code Generalization, Optimization and Parallelization– course revision
Discussion led by Midkiff. Motion passed unanimously
20. A motion was made by Midkiff and second by Weidner to approve the following fast track EFDs on behalf of the faculty:
 - a. EFD 36-19 ECE 66600 Advanced Computer Systems– course revision
Discussion led by Midkiff. Motion passed unanimously

21. All spelling errors will be corrected in Curriculog and updated in the EFD database.
22. Motion to adjourn was made by Weidner and seconded by Kvam. The meeting adjourned at 1:23pm.