

College of Engineering Curriculum Committee
September 19, 2019 – 12:30-1:45 p.m., Coverdell 104
Revised minutes

Attendees:

Voting Members:

Dr. James Kastner, CMB
Dr. Mark Trudgen, ECE
Dr. Bill Tollner, ECAM

Ex-officio members:

Dr. Ramaraja Ramasamy-Associate Dean for Academic Affairs and Assessment
Dr. Sidney Thompson, School Chair, ECAM
Dr. James Warnock, School Chair, CMB
Dr. Fred Beyette, School Chair, ECE
Julie Cook, Academic Manager

Guests:

Heather Lotane, Assessment Coordinator
Dagmar Nelson, ECAM Academic Advisor

The College Curriculum Committee met September 19, 2019. Chairperson Bill Tollner called the meeting to order at 12:30 p.m. in Coverdell 104.

The Minutes of the August 24, 2019 meeting were approved.

Updates and Announcements:

- Julie Cook provided a summary of 2018-19 Committee Actions that remain pending in CAPA for approval as well as a similar tracking sheet for 2019-20 submissions to date. She also provided an update on submissions to Curriculum Systems regarding the approved Capstone course series, graduation requirement request by CMB and the new prefix request for ECE.
- Dr. Tollner announced that the University Curriculum Committee would hold its next meeting on Friday, October 18th. Dr. Tollner is serving as a member of the Experiential Learning subcommittee. He shared comments about the new EL Director and future potential related opportunities for the College.

The Committee reviewed the following proposals submitted by the respective Schools.

- CMB Submissions
 - No submissions
- ECE Submissions
 - New Course Proposals

- ECSE 1100-Introduction to Electrical and Computer Systems Engineering— Discussion of this proposal and related proposals below included an overview of the School’s intentions for an overhaul of the ELEE and CSEE curriculums. Following review and discussion, the Committee approved the proposal. (Note: this and other approved proposals with an ECSE prefix cannot be submitted to CAPA until the new prefix is approved and integrated into the platform.)
- ECSE 1100H-Introduction to Electrical and Computer Systems Engineering-Honors—Following review and discussion, this proposal was approved.
- ECSE 2920-ECSE Design Methodology-Following review and discussion, the proposal was approved.
- ECSE 2920H-ECSE Design Methodology-Honors-Following review and discussion, the proposal was approved with edits to the required prerequisites.
- ECSE 2170-Electrical Circuits for ECSE-Following review and discussion, the proposal was approved with edits to clarify prerequisites.
- ECSE 2170H-Electrical Circuits for ECSE-Honors-Following review and discussion, the proposal was approved with edits to modify and clarify prerequisites.
- ELEE 2045-Programming Application for Electrical Engineering-Following review and discussion, the proposal was approved.
- Course Change Proposals
 - ENGR 2170-Electrical Circuits for non-ECSE Majors (new course title was part of proposal) The review and discussion of this proposal took place during the review of the ECSE 2170 and ECSE 2170H proposals above. The Committee concluded that the proposal was a Course Change submission rather than New Course proposal. Following review and discussion, the proposal was approved. (Note: the change proposal will be submitted to CAPA with the ECSE 2170 and 2170H proposals to be considered in tandem.)
 - ELEE 4590-Principles of Communications Systems—Following review and discussion, the proposal was approved.
 - CSEE 4140-Network System Engineering-Following review and discussion, the proposal was approved.
- ECAM submissions
 - New Course Proposals
 - AENG 4XXX-Precision Farming Controls and Sensors-Following review and discussion, the proposal with an edited course prerequisites was approved.
 - MCHE 4210/6210-Linear Systems Analysis-Following review and discussion, the proposal was approved.
 - MCHE 4220/6220-Mechanical Systems Modeling and Controls—Following review and discussion, the Committee voted to return the proposal as there was concern about overlap with other existing courses. In addition, a question regarding prerequisites needs to be resolved.
 - Course Change Proposals
 - ATSC/ENGR 4111/6111-4111L/6111L-Atmospheric Thermodynamics— Following review and discussion, the proposal was tabled to seek

clarification from Dr. Stooksbury about the current dual listing of the course.

- ATSC/ENGR/PHYS 4131/6131-4131L/6131L-Introductory Atmospheric Physics- Similarly, this proposal was tabled.
 - CVLE 4390-Structural Dynamics—The submitted proposal was to update the course number to 8390 with a new course title. The Committee reached consensus that this course proposal be returned to the School level to be resubmitted as a New Course Proposal and request to inactivate the current CVLE 4390 course.
 - Since there was no option to extend the meeting time due to other commitments by Committee members, the following proposals were not reviewed:
 - MCHE 3410-Mechanical Engineering Numerical Methods
 - MCHE 3450-Mechanical Engineering Lab
 - MCHE 4380-Solid Mechanics
- .Old Business
 - None
 - New Business
 - Heather Lotane distributed to the School Chairs information about ABET mathematics and science hour documentation.
 - Dr. Ramasamy indicated that Dean Leo had charged him with facilitating an extended conversation with the School Chairs regarding the Ph.D. in Biological and Agricultural Engineering degree program.
 - Announcements/Updates
 - Next meeting-Thursday, October 17, 2019-12:30-1:45 p.m.-Coverdell 104

Meeting adjourned at 1:45 p.m.