

Minutes of October 18, 2017 College of Engineering Curriculum Committee

Attendees:

Voting members

Dr. Thomas Lawrence, ECAM, Chair

Dr. Hitesh Handa, CMB

Dr. Peter Kner, ECE

Dr. Ramana Pidaparti, Associate Dean for Academic Affairs and Assessment

Dr. Lawrence Hornak, Associate Dean for Research

Dr. Fred Beyette, School Chair, ECE

Dr. James Warnock, School Chair, CMB

Julie Cook, Academic Manager

Guests: None

The College of Engineering Curriculum Committee met on October 18, 2017 at 11:00 am in the Driftmier 102 Conference Room.

Updates and Announcements:

- Chair Lawrence called the meeting to order and the minutes of the August 23, 2017 were approved as distributed previously to the Committee.
- Julie Cook provided a spreadsheet that showed the status of all CENGR courses that are currently shown in CAPA as not fully approved and posted in Banner.
- Dr. Lawrence distributed copies of the ABET Assessment and Evaluation Procedures Manual for the Committee to be aware of the process and potential involvement of the Committee in the future.
- Dr. Hornak provided an update on the ICorps Accelerator initiative. A formal request to include this opportunity on the Experiential Learning transcript is anticipated. The Committee agreed to review the proposal and consider a letter of support to include in the EL submission request.

The Committee approved the following proposals:

CMB Origination:

- BCHE 4520/6520- Design of Biochemical Separations Processes
 - This is a course change to drop the lab hours. Approved with no changes.

ECAM Origination:

- None submitted

ECE Origination:

- ELEE 8220—Nonlinear Control Systems
 - This is a new course and was approved with no changes.
- CSEE 4270—Design of Digital Systems

- This was presented as a course change to update the prerequisite and corequisite and was approved with no changes.

Graduate Only Origination:

- ENGR 6900 – Directed Study in Engineering
- ENGR 8900—Directed Study in Engineering
 - Dr. Hornak provided a rationale for the need for these new courses and both were approved.

New Business:

- From the ECE School Curriculum Committee, a request to discuss options related to scheduling major specific sections for courses such as ENGR 2170, 4210, 4220. The Committee discussed this request in the context of similar situations in other majors. Also, the discussion included reference to challenges with the current format of ENGR 1920 sections. It was agreed the School Chairs will work within their respective units to develop recommendations for the Committee to consider.
- From ECAM and ECE, the Committee considered the option to continue the undergraduate Certificate Programs in Engineering Physics and Engineering Science. Julie Cook provided enrollment data from AY 2014, 2015, and 2016 for all undergraduate certificates. The Committee recommends the elimination of these two certificate programs.

The meeting adjourned at 12:10 p.m.

Future meeting plan and actions coming

- November—will handle work off line via email
- December 14

*Recorded by Julie Cook
October 18, 2017*

Thomas Lawrence, Chair
College of Engineering Curriculum Committee
CC: Donald Leo, Dean