

Minutes of February 21, 2018 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: Dr. Timothy Foutz
 Dr. Joachim Walther

The College of Engineering Curriculum Committee met on February 21, 2018 at 12:30 p.m. in the Coverdell 104 Conference Room.

Updates and Announcements:

- An update on the status of MCHE and ELEE degree ABET accreditation was provided.
- The BSBE Areas of Emphases termination approval was communicated via letter to Dean Leo dated January 23rd from Fiona Liken.
- The request to terminate the two Certificates is being considered at the next UCC Executive Committee and University Council meetings (March 7th and March 21st). Invitations to attend those meeting were sent to Drs. Pidaparti and Thompson this past Monday.
- Julie Cook provided a spreadsheet with updates regarding the status of all New Course and Course Change submissions for the academic year.

The Committee approved the following proposals:

CMB Origination:

ECAM Origination:

- A recommendation to add ALDR 3820-Reflections on Fighting Hunger to the list of approved courses for CENGR majors to meet Additional course for cultural diversity requirement was discussed. Currently ECAM has approved an exception for the course to be approved for majors in that School. Since the course is not approved to meet the CD requirement by its originating College (CAES), Julie Cook was tasked to investigate further why the course has not been submitted by CAES for CD designation and to locate the related University policies. Dr. Pidaparti will discuss with Dr. Thompson the exception for ECAM majors.

- Recommendation to add ENGR 2130-Dynamics to MCHE 4910-Capstone Design I was discussed. Suggestion was made to consider ENGR 3300 instead with Dr. Lawrence to investigate.
- Committee approved new course proposal ENGR 6600- Idea to Product Commercialization.
- Discussed the option to co-list AENG 2920 with BIOE 2920 as well as updated pre and co-requisites. The proposal was sent back to the CMB Curriculum Committee for review. The Committee approved updates contingent upon CMB approval and revisions to the proposed topics outline per Dr. Warnock.
- New Course proposals for AENG 4910 and 4911 were reviewed and approved with the addition of GRMN 3015 as a prerequisite option for AENG 4910.

ECE Origination:

- Reviewed the Course Change recommendation for CSEE 4240 Wireless Sensor Networks. This was approved with modification to add POD as alternate prerequisite.

Old Business:

- Discussion regarding the proposal for a new PhD emphasis area in “Engineering Formation and Transformative Practice” was continued. Dr. Waltham addressed questions raised by the various School Curriculum Committees including the admission of students who have not previously completed a degree in an Engineering discipline. The committee approved this proposal with the new modifications.

General:

- It was announced that Dr. Das expressed the interest a study abroad program for a 2019 Maymester course in “Sustainability Science – Focus on modern food and energy systems” and will provide additional information to Dr. Thompson. Dr. Das will be encouraged to provide a detailed plan for this program.
- The potential 3+2 Articulation Agreement proposal between Young Harris College and the University of Georgia specific to the Mechanical Engineering major spearheaded by Dr. Foutz was discussed. Based on the documentation provided by Dr. Foutz to date, Julie Cook provided feedback based on a review of general education requirements for both institutions and the MCHE curriculum. To facilitate the articulation of a YHC student to achieve both degrees with the least number of courses will require a prescriptive set of YHC courses to meet UGA Core. Dr. Foutz will work with Julie Cook to develop a formal proposal to be distributed to the CENGR Curriculum Committee for review as a next step.

Next meeting: March 21, 2018—12:30-2:00 p.m., Driftmier 102

*Recorded by Julie Cook and Tom Lawrence
February 21, 2018*

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