

College of Engineering Curriculum Committee

March 6, 2019 – 12:30-2:00 p.m., Driftmier 102

Attendees:

Voting Members:

Dr. Hitesh Handa, CMB
Dr. Mark Trudgen, ECE (alternate for Dr. Mable Fok)
Dr. Bill Tollner, ECAM

Ex-officio members:

Dr. Ramaraja Ramasamy, Associate Dean for Academic Programs and Assessment
Dr. Sidney Thompson, School Chair, ECAM
Dr. James Warnock, CMB
Dr. Fred Beyette, School Chair, ECE (later third of meeting)
Julie Cook, Academic Manager

Guests:

Dr. Kun Yao
Dagmar Nelson, ECAM Academic Advisor
Heather Lotane, Assessment Coordinator

The College Curriculum Committee met on March 6, 2019. Chairperson Dr. Bill Tollner called the meeting to order at 12:30 p.m. in Driftmier 102.

The Minutes of the January 16, 2019 meeting were approved.

Updates and Announcements:

- The following courses were acknowledged as having been approved by the Committee electronically between meetings:
 - New Course proposal-ENGR 1120H-Engineering Graphics and Design – Honors
 - Course Change proposal-ENGR 1140-Computational Engineering Methods
 - New Course proposal-Computational Engineering Methods (Honors)
- Julie Cook distributed an update of all CAPA submissions for 2018-19 with status.
- Dr. Ramasamy provided an update regarding the CENGR/Young Harris College transfer articulation agreement between MCHE and YHC's mathematics department.
- Dr. Tollner shared that the University Curriculum Committee did not meet in February.
- Dr. Ramasamy reported that Curriculum Systems had provided feedback regarding the non-thesis degree proposals.

As the Committee moved to deliberations of New Course and Course Change proposals, the group agreed to reorder all proposals related to Undergraduate Research courses from the individual Schools and the College level to be discussed together. Dr. Tollner provided an overview of University Curriculum Committee actions to date that were administrative updates to the currently existing 4960H-4990H CURO course sequences by prefix. Working with Curriculum Systems, the College had identified the need to submit new course proposals for the full research sequence for AENG and BIOE prefixes and CSEE 4970R and ENGR 4990R to complete the sequences for other prefixes. All these new proposals were discussed with the following actions:

- AENG 4960R -4990R, CSEE 4970R and ENGR 4990R New Course proposals mirroring the template used by Curriculum Systems to update the previously approved “H” versions of the same courses were approved.
- BIOE 4960R-4990R New Course proposals submitted by the CMB Curriculum Committee were approved.

Any decision to deactivate or add any 4960-4990 courses that do not include the “H” suffix was tabled until further information is provided by Curriculum Systems.

The following other course proposals were presented to the Committee

CMB Submissions

- Course Change proposals
 - BIOE 4780-Regulation and Ethics in Biomedical Engineering—Proposal was discussed and approved.
 - CMB courses identified as needing prefix adjustments due to changes in prefixes-comprehensive list—The Committee discussed the need to update prefixes for all CENGR courses to avoid overrides that are necessary for students to register due to prior updates. Those presented by CMB were approved.
 - CMB courses identified for update of course offering option to “Every Term-Unknown-comprehensive list—The Committee discussed the rationale for updating the term offering information in the Bulletin for all undergraduate CENGR course with the exception of the Capstone series. Dagmar Nelson suggested that an internal working document be created and maintained in the shared Academic Drive as a reference for the advisement group regarding term specific courses. Following discussion, the courses changes for those listed were approved.
 - Note: During discussion of the last two items, the Committee agreed to entertain similar requests by ECAM between meetings when available for review.

ECE Submissions

- New Course prefix proposal-ECSE—The School sought Committee support for a proposal to add a new prefix. Dr. Trudgen presented the School’s rationale for

making the request including an explanation of its use in future curriculum updates for both CSEE and ELEE undergraduate degree programs. Following discussion, the Committee agreed to support ECE's request to Curriculum Systems for the new prefix.

- New Course proposal
 - ENGR 4XXX-Vacuum Technology—Dr. Yao provided additional information about the proposal. Following discussion, the proposal was approved.
- Course Change proposal
 - CSEE 4240-Wireless Sensor Networks—Following discussion of the prerequisite changes proposed, the proposal was approved.
 - CSEE 4270-Design of Digital Systems-Following discussion of the prerequisite change requested, the proposal was approved.
 - ECE courses identified as needing prefix adjustments due to changes in prefixes-comprehensive list—Reinforcing the discussion of the similar item for CMB courses, the Committee approved the courses for update.
 - ECE courses identified for update of course offering option to “Every Term-Unknown-comprehensive list— Reinforcing the discussion of the similar item for CMB courses, the Committee approved the courses for update.

ECAM Submissions

- New Course Proposals (all the proposals were presented by Dr. Tollner related to the updates planned for the current AGEN degree)
 - AENG 4XXX/6XXX-Environmental Biophysics—Following discussion, the Committee approved the proposal.
 - AENG/CVLE 4XXX-Irrigation Systems Design-Following discussion, the Committee approved the proposal.
 - AENG 4XXX/6XXX-Introduction to Logistical Engineering—Following discussion, the Committee tabled the proposal to allow consideration of other prerequisites for this course.
 - AENG 31XX-Motion and Time Studies—Following discussion, the Committee approved the proposal.
 - AENG 4XXX/6XXX-Introduction to Operations Research—Following discussion, the Committee approved the proposal.
 - AENG/CVLE 4XXX-Wind and Water Erosion Prediction—Following discussion, the Committee approved the proposal.
 - FDST/AENG 4700/6700-Survey of Food Processing—Following discussion, the Committee approved the proposal if submitted to CAPA by the Food Science department (CAES) if it duplicates that reviewed by the Committee.

College level Submission

The Committee discussed the documentation submitted by Drs. Warnock and May regarding an International Engineering in Education in Europe proposal for submission to the Office of International Education. The Committee approved its support of the proposal.

New Business

None

Old Business

None

The meeting adjourned at 2:15 p.m.

Next meeting: April 3, 2019-12:30-2:00 p.m.-Driftmier 102