

**College of Engineering Curriculum Committee**  
**January 16, 2019 – 12:30-2:00 p.m., Driftmier 102**

**Attendees:**

*Voting Members:*

Dr. Hitesh Handa, CMB  
Dr. Mable Fok, ECE  
Dr. Bill Tollner, ECAM

*Ex-officio members:*

Dr. Larry Hornak, Associate Dean for Research  
Dr. Sidney Thompson, School Chair, ECAM  
Dr. Fred Beyette, School Chair, ECE  
Julie Cook, Academic Manager  
Margaret Sapp, Graduate Program Administrator

*Guest:*

Dagmar Nelson, ECAM Academic Advisor

The College Curriculum Committee met January 16, 2019. Chairperson Dr. Bill Tollner called the meeting to order at 12:30 p.m. in Driftmier 102.

The Minutes of the November 27, 2018 meeting were approved.

Updates and Announcements:

- Julie Cook distributed an update of all CAPA submissions with status
- Dr. Tollner shared that the next University Curriculum Committee meeting has been postponed from Friday, January 18<sup>th</sup> to January 25<sup>th</sup>. At that meeting, topics will include a discussion of a transcript notation for non-thesis Master's programs to delineate from those completed with a thesis as well as a continuation of the proposal to change credit awarded for AP Calculus.

The Committee reviewed the following proposals. The agenda was reordered by the Chairperson such that all graduate related proposals were considered ahead of the ECAM course change and new course proposals.

- CMB Submissions
  - Graduate Program Updates
    - MS in Biochemical Engineering
    - MS in Biological Engineering
    - PhD in Engineering-Biochemical Emphasis
    - PhD in Engineering-Biomedical Emphasis
    - PhD in Biological and Agricultural Engineering

Following discussion of these proposals as a single motion, the proposals were approved.

- ECE Submissions
  - No separate submission.
- ECAM submissions
  - Graduate Program Updates
    - MS in Agricultural Engineering-non-thesis option—Following discussion, the proposal was approved.
    - MS in Environmental Engineering-non-thesis option—Following discussion, the proposal was approved.
    - MS in Engineering-non-thesis option—Following discussion, the proposal was approved by a two to one margin.
    - Name change proposal-MS in Environmental Engineering to MS in Civil and Environmental Engineering—Following discussion, the proposal was approved.
  - Course Change Proposals
    - ENGR 2120-Engineering Statics—Proposal was discussed and initially approved. Following discussion regarding ENGR 2120E below, the approval was rescinded. To be returned to Dr. Foutz. Approved electronically after resubmission and vote on Jan 17.
    - ENGR 2120E-Engineering Statics—During discussion, it was noted that the Required Prerequisites for the online version were not consistent with those proposed for ENGR 2120 above. Both proposals are being sent back to the ENGR 2120 instructor group who proposed the changes to align the courses and resubmit on a CAPA Course Change Proposal form. To be returned to Dr. Foutz.
    - ENGR 1140-Computational Engineering Methods-Following discussion, the Committee is returning this proposal to originator to resubmit on a CAPA Course Change Proposal form to clearly document proposed changes. To be returned to Dr. Thomas.
    - MCHE 1940-Mechanical Engineering Design Studio and Professional Practice—Following discussion, the Committee is returning this proposal to Dr. Lawrence to resubmit on a CAPA Course Change Proposal form and to remove the reference to MCHE 1120 as a prerequisite and MCHE 1140 as a pre or co-requisite as neither course has been approved through CAPA.
    - MCHE 3410-Mechanical Engineering Numerical Methods—Following discussion, the Committee is returning this proposal to Dr. Lawrence to resubmit on a CAPA Course Change Proposal form and to remove the reference to MCHE 1140 as a prerequisite since the course has not been approved through CAPA.
    - MCHE 3450-Mechanical Engineering Lab-Following discussion, the Committee agreed this request should be resubmitted as a New Course with a new number. To be returned to Dr. Lawrence.

Comment [EWT1]: Done

Comment [EWT2]: Done

Comment [EWT3]: Done

o New Course Proposals

- ENGR 1120H-Engineering Graphics and Design—A proposed syllabus was submitted by Hillary Tanner. For the Committee to review, the course must be submitted on a New Course proposal form. To be returned to Ms. Tanner.
- ENGR 2120H-Engineering Statics—Due to the similarity with the earlier ENGR 2120 and ENGR 2120E proposals, this proposal is being returned to the ENGR 2120 instructors for alignment with the other two courses for resubmission on a New Course proposal form. To be returned to Dr. Foutz. Approved electronically after resubmission and vote on Jan 17.
- ENGR 1140H- Computational Engineering Methods—Following discussion, the Committee is returning the proposal to Dr. Thomas to remove reference to MCHE 1140 in the duplicate credit statement to be resubmitted on a New Course proposal form.
- MCHE 1120-Mechanical Engineering Graphics and Design—Following discussion, the Committee approved proposal.
- MCHE 1140-Mechanical Engineering Computational Methods-Following discussion, the Committee Approved proposal.
- MCHE 3460—Thermal-Fluid Science Lab—During discussion, Dr. Thompson shared this course is part of a longer term transition for the MCHE major. He agreed the number should be changed to 3470 to allow the appropriate sequencing with the New Course proposal cited above for MCHE 3450. With this amendment, the Committee approved this proposal.
- MCHE 4210-Linear Systems Analysis—Proposal makes reference to additional requirements for graduate students, but it was not submitted with a dual listed number. The Committee is returning the proposal to clarify whether the intent for the course is to be dual level. Proposal should be resubmitted on a New Course Proposal form. To be returned to Dr. Lawrence.
- MCHE 4220-Mechanical Systems Modeling and Controls-- Proposal makes reference to additional requirements for graduate students, but it was not submitted with a dual listed number. The Committee is returning the proposal to clarify whether the intent for the course is to be dual level. Proposal should be resubmitted on a New Course Proposal form. To be returned to Dr. Lawrence.
- MCHE 4530/6530-Combustion and Flames—Following discussion, the Committee approved the proposal.

Comment [EWT4]: Done

Comment [EWT5]: Done

Comment [EWT6]: Done

Comment [EWT7]: Done

- .Old Business--None

- New Business-None

The meeting adjourned at 2:03 p.m.

