

College of Engineering Curriculum Committee

Meeting Minutes

November 13, 2020 – 2:00 p.m.-3:30 p.m. via Zoom

Attendees:

Voting Members:

Dr. Sudhagar Mani, CMB

Dr. Bill Tollner, ECAM

Dr. Mark Trudgen, ECE

Ex-officio members:

Dr. James Warnock, School Chair, CMB

Dr. Sidney Thompson, School Chair, ECAM

Dr. Fred Beyette, School Chair, ECE

Dr. Ramasamy, Associate Dean

Mrs. Margaret Sapp, Graduate Program Administrator

Ms. Dagmar Nelson, ECAM Academic Advisor and interim CAPA Coordinator

Business: (Agenda is item 1)

1. Approval of minutes from October 23rd and review of activities since then.

Chairman Tollner open the meeting at 2pm and reviews the minutes of the last meeting. After discussion, Dr. Mani makes a motion to approve the meeting and the motion passes.

2. Updates from participants:

- Ms. Nelson gives an update relating to CAPA.

Chairman Tollner invites Ms. Nelson to give an update on CAPA statuses. Ms. Nelson informs the committee with the fragrant news that all existing CAPAs have processed through the system.

- Update about the upcoming university curriculum committee items.

Chairman Tollner informs the committee that courses have been consistently moving through the university curriculum committee. Recently, Chairman Tollner, was voting on courses and a business course with the title was "*Data quality engineering*" came for ballot. Given the title has *engineering* in it, but the course did not originate in the college of engineering or adequately reflect the content in engineering, a "nay" vote was cast. Chairman Tollner, laments that his negative vote may not be enough to inhibit this course from using the word engineering in the title.

- ABET preparations

Chairman Tollner presents a solution to satisfy the ABET committee for Criterion 4. This possible solution comes from the sleuthing work done by Ms. Nelson into compiling all the documents showing what the curriculum committee has accomplished over the past 4 years. This follows into a healthy discussion with Drs. Warnock and Beyette adding input about prior ABET approvals and plans related to each school.

- Dr. Ramasamy

Dr. Ramasamy informs the committee that a proposal for an online masters program in civil engineering is being developed with input from Dr. Durham.

- Others

No other topics were brought to the committee related to business.

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

- CMB Submissions:
 - (in ENGR section below)

No submissions

- ECAM submissions.
(in ENGR section below)

No submissions

- ECE Submissions
CSEE 4800 Computer architecture (item 3)

Dr. Trudgen presented the proposed ECE course. After discussion, the committee identifies the need to strengthen the documentation reflecting the differences between undergrad and graduate sections. Chairman Tollner, proposes to pass the course with revisions. Drs. Trudgen and Mani second this notion. The motion passes and ECE will update the course before sending to UCC.

ECSE 4410/6410 (item 4)

Dr. Trudgen presented the proposed ECE course. After discussion, the committee identifies the need to strengthen and further distinguish the course from computer science. After clarification, Dr. Trudgen makes a motion to table the course. Chairman Tollner and Dr. Mani second the motion and the course is tabled until the next meeting.

CESE 8XXX Robotics (item 5)

Dr. Trudgen presented the proposed ECE course. After discussion, the committee identifies the need to strengthen and further distinguish the course from a 6000 level to an 8000 level. After clarification, Dr. Trudgen makes a motion to table the course. Chairman Tollner and Dr. Mani second the motion and the course is tabled until the next meeting.

- ENGR Courses

ENGR 4900 EngQual_ECAM (item 6)

Chairman Tollner solicits input if the proposed course has propagated to all school level curriculum committee members. Given that this course has not been discussed at all school level curriculum committees, Chairman Tollner makes a motion to table the course until the next meeting. Drs. Mani and Trudgen second the motion and the course is tabled.

ENGR 6XXXCommunications CMB (item 7)

Dr. Mani presents the proposed ENGR course originating from CMB. This course has passed in all school level curriculum committees. Chairman Tollner relates a concern from ECAM that if an additional writing course may dilute the technical elective hours needed to satisfy a graduate degree. Drs. Warnock and Mani manifest that ultimately a plan of study is guided by a graduate committee and this committee is to ensure that a graduate student has met the sufficient level of academic rigor for the required for the degree. Dr. Mani makes a motion to approve the course. Dr. Trudgen proposes a friendly amendment from ECE to augment the course title. Dr. Mani obliges. Chairman Tollner proposes a substitute motion to pass the course with changes to the course description given concern for the phrasing of the description of the course. After discussion Drs. Mani and Trudgen second the motion from Chairman Tollner and the course passes with the aforementioned changes.

ENGR 2170E Circuits (item 8)

Chairman Tollner makes a motion to pass ENGR2170E provided that all school curriculum committees have voted. Dr. Trudgen seconds this motion and this motion passes.

Note: ECSE proposed another ENGR course that must go through the respective ECAM and CMB curriculum committees

4. Old Business

5. New Business

6. Announcements/Updates

Upcoming meetings –Dec 4th

Times: 2:00 pm to 3:30 pm

Other announcements from the floor

7. Motion for adjournment

Chairman Tollner makes a motion to adjourn and it is seconded by Drs. Trudgen and Mani and the meeting is adjourned until the next appointed time.