

College of Engineering Curriculum Committee

Meeting Minutes

December 4th, 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

Mr. Luke Taylor, CENGR Academic Manager

Guests:

Dr. Charlie Li, ECE

Business:

1. Approval of minutes from November 13, 2020 meeting and review of activities since then.

Chairman Tollner open the meeting at 2pm and reviews the minutes of the last meeting. After input from members, led by Dr. Thompson, 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 news that two CAPAs are processing through the system and it is expected that they will get approved in two weeks.

- Dr. Ramasamy - Introduce Mr. Luke Taylor

Chairman Tollner introduces Mr. Luke Taylor as an ex-officio member to the committee. Mr. Taylor has recently been promoted within the college of engineering. A priori the committee thanks Mr. Taylor for his services to the curriculum committee.

- Other issues
 - ABET preparations – questions across schools if any

Chairman Tollner open the ongoing discussions on ABET preparations. Given that preparations are made in a fastidious manner, general discussion is had on best practice methods related to documentation.

- Others
3. The Committee reviewed the following proposals submitted by the respective Schools.
- CMB Submissions:
 - Item 3. Bioprocess Tech course

Chairman Tollner invites Dr. Mani to present the dual course title proposal change application to the committee. After discussion that this is an existing BCMB course that is being cross listed to strength the CMB school, Dr. Trudgen makes a motion to approve the course. Dr. Mani and Chairman Tollner second and the course is approved.

- Item 4. BSBE revised curriculum

Chairman Tollner invites Dr. Mani and Dr. Warnock to present the revised curriculum proposal. These changes were made to ensure the number of hours were in alignment with university policy. After discussion, Dr. Trudgen makes a motion to approve the changes. Dr. Mani and Chairman Tollner second and the curriculum is approved.

- Item 5. Master of Biomanufacturing and Bioprocess degree proposal

Chairman Tollner invites Dr. Mani and Dr. Warnock to present the proposed external degree. Dr. Warnock explains the degree proposal including the quid pro quo between UGA and Beijing University of Chemical Technology providing details and timeline information. This information is thoroughly explained along with other UGA involvement in creating this document such as the office for external affairs. Dr. Trudgen requests input from Drs. Thompson and Beyette given their experience with related affairs and learns that given CMB's involvement in similar past affairs was a harbinger of things to come. Given the degree proposal's equitable nature, Chairman Tollner makes a motion to pass and Drs. Mani and Trudgen second.

Item 6. BCHE 4550/6550 course change

Chairman Tollner invites Dr. Mani to present the course change application to the committee. After discussion about the changes will strengthen the course and align better with existing courses, Dr. Trudgen makes a motion to approve the course. Dr. Mani and Chairman Tollner second and the course is approved.

- Item 9 new course – Renewable Energy Engineering

Chairman Tollner invites Dr. Mani to present the course change application to the committee. After discussion about the changes will strengthen the course and align better with existing courses, Dr. Trudgen makes a motion to approve the course. Dr. Mani and Chairman Tollner second and the course is approved.

- ECAM submissions.
(in ENGR section below)

No submissions

- ECE Submissions
 - Item 8b. ECSE 4410/6410 Pattern Recognition new course

Following the input received from the previous meeting, Chairman Tollner invites Dr. Trudgen to present the updated Pattern Recognition course. Dr. Thompson and other member provide feedback related to the course. Chairman Tollner makes a motion to approve the course and Drs. Mani and Trudgen second and the course is approved.

- Item 8c New Robotics Course

Chairman Tollner invites Dr. Li to present his proposed robotics course. Dr. Li presented an updated version based on the committee's input last meeting. Dr. Thompson and Dr. Mani lead the discussion providing input on the course changes. Following discussion, Chairman Tollner proposes a motion to approve the course following minor changes to learning outcomes. Drs. Mani and Trudgen approve this motion and Dr. Li will resubmit per the keen input supplied by the committee.

ENGR proposals

Item 7a. ENGR 4545 from ELEE Engineering Entrepreneurship

Chairman Tollner invites Dr. Trudgen to present the course change proposal. Dr. Trudgen highlights the changes and makes a motion to approve these changes. Chairman Tollner and Dr. Mani second and the proposed changes are approved.

Item 8 ENGR 4900/6900 Quality Engineering from ECAM (new course)

Chairman Tollner request to know if all the school level committees have review and approved the proposed ENGR course. Drs. Mani and Trudgen affirm this question. After short discussion Chairman Tollner makes a motion to approve the course and it is seconded by Drs. Mani and Trudgen and the proposed course is passed.

UGA experiential learning

- (1) SKIO – Yes. It provides hands-on research experience.
- (2) Virtual Global internship study program – Yes, if it is the correct organization/company. “apply previously acquired knowledge and skills in a real-world professional setting, as well as to grow their career readiness in a collaborative and supportive environment”

Chairman Tollner requests the committee to focus their attention on the experiential learning opportunities sent to the school committees. Dr. Trudgen presents that Dr. Fok has suggested the aforementioned two experiential learning opportunities be considered. After discuss Chairman Tollner makes a motion to approve the aforementioned experiential learning courses. Drs. Mani and Trudgen second the motion and it passes.

4. New Business

5. Announcements/Updates

Chairman Tollner informs the committee that Mr. Taylor will assist in scheduling the meetings for next semester.

Other announcements from the floor

6. Motion for adjournment

Chairman Tollner makes a motion to adjourn and it is seconded by Drs. Mani and Trudgen and the meeting is concluded.