

## Meeting minutes — College of Engineering Curriculum Committee

*Date/time: Wednesday, January 21, 2026 at 1:15PM*

*Location: Driftmier 1106C and via Zoom*

Meeting materials

### *Voting Members:*

Dr. David Stooksbury, ECAM  
Dr. John Aliu, EETI  
Dr. Alison Banka, CMBE (Chair)  
Dr. Racheida Lewis, ECE

### *Ex-officio Members:*

Dr. Eduardo Silva, Chair, CMBE  
Dr. Fred Beyette, Chair, ECSE [not present]  
Dr. Ben Davis, Interim Chair, ECAM  
Dr. Mable Fok, Associate Dean  
Dr. James Huff, Acting EETI Co-Director  
Mr. Justin Miller, Academic Manager  
Ms. Litashia Carter, CENGR Director of Academic Advising [not present]  
Mr. George Felis, Academic Advisor (advising representative)

### **Agenda:**

#### *General items:*

- Approval of previous meeting minutes

*Motion to approve, seconded, approved.*

*Key action/takeaway: Alison will send the minutes to Lillian to post on the CENGR website*

- Picking CENGR CC meeting dates/times for March and April
  - Note: 9:55AM-11:15AM class time slot (Fridays) works for *most* individuals

*After discussion, we will meet in March and April the following dates/times:*

- *Friday, March 20<sup>th</sup>, 9:55AM*
  - *Racheida, Mable won't be present at this meeting; will communicate any agenda items ahead of time*
- *Friday, April 24<sup>th</sup>, 9:55AM*

*Key action/takeaway: Alison will send out calendar invites for these final two meetings of the semester within the next day*

- Course/curriculum proposal submission form (*proposal from Mable for discussion*)

*As is, we use a giant spreadsheet currently used to track of course proposal/course change submissions, and Mable has been piloting Smartsheets as an alternative. Right now, each school has to collect new course/course change proposals via email. Mable proposes using a more automated submission system (via Smartsheets) so anyone who needs (faculty or staff involved with the curriculum committee) gets notified when someone submits a new/course*

*change proposal (as opposed to emails going back and forth). Smartsheets can automate a lot of what we're currently doing via email.*

*After looking at Mable's quick pilot, everyone is in agreement that this would be helpful and less cumbersome than our current method. Mable will work on making a template for us to use and will bring it to a future meeting for feedback before launching it to the college.*

*Key action/takeaway: Mable will work on a Smartsheet for us to use for curriculum/course updates and will get feedback from the rest of us in a future meeting.*

- Discrepancies between Bulletin and Double Dawgs website (*status update from school CC*)

*ECE and CMBE have addressed this issue.*

*Key action/takeaways: ECAM should work on the same once changes to masters programs have been resolved*

- Updating Double Dawg information to be same on both D.D. website AND CENGR website (*status update from school CC*)

*ECE and CMBE have addressed this issue.*

*Key action/takeaways: ECAM should work on the same once changes to masters programs have been resolved*

- Institutional competencies/student learning outcomes ([CENGR-Institutional Competencies.xlsx](#)) (*status update from school CC*)

*Move to next meeting agenda*

*ECAM items:*

- MCHE 4360/6360—course change proposal (*status update—in CAPA?*)

*MCHE 4360/6360 hasn't been passed onto CAPA yet.*

*Key action/takeaways: Justin will submit MCHE 4360/6360's course change proposal to CAPA*

- New course proposal: Foundations of Ecological Restoration and Nature-Based Engineering (ECOL/ENVE 3\*\*\*) (*status update*)
- New certificate program—Certificate in Ecological Restoration and Nature-based Engineering (ERNE) (*status update*)

*It is likely that this certificate will be housed in ecology, so they will be primarily in charge of making new course proposals/the new certificate program (completing the logistics).*

*Key action/takeaways: Justin will approve of the new course once it gets passed to him. Nothing more to be done on our end for the time.*

*EETI/ENED items:*

*ENGR items:*

- ENGR 4900—course change proposal (*status update from school CC*)

*All schools have approved of this change.*

*Key actions/takeaways: Justin will submit this course change proposal to CAPA.*

- ENGR 6990—course change proposal (*status update from school CC*)

*All schools have approved of this change.*

*Key actions/takeaways: Justin will submit this course change proposal to CAPA.*

*ECSE items:*

- New course proposal: Radar Signal Processing (*status update-- in CAPA?*)

*Checking on status—has been entered into CAPA*

*Key actions/takeaways: None at this time.*

- New course proposal: Bayesian Methods for Engineering Applications (ECSE 8820)

*There is a Bayesian methods course already on the books (ENGR 8120: Bayesian Methods in Engineering and Environmental Sciences) but this proposed course does machine learning as well. There is discussion that the course name should be changed to reflect its difference from ENGR 8120 (to include 'machine learning').*

*Moved and conditionally approved by the committee pending a course name change to include 'machine learning'*

*Key actions/takeaways: Racheida will talk to the instructor of record (Qin Lu) and decide on a new course name that includes 'machine learning', then email Justin the new CAPA new course proposal form to submit to CAPA*

- New course proposal: Deep Learning and Cloud Computing (ECSE 8850)

*Discussion of if there are previous ENGR or CS courses on Deep Learning. ENGR 8140 is 'Advanced Deep Learning and Engineering Applications' (which is taught this semester, so is both in the Bulletin and currently taught). There is also a similar Deep Learning course in CS. The aim of the ECE Curriculum Committee is that this proposed course would become a 'core course' for ECSE graduate-level students. There is a difference between the proposed course and ENGR 8140 in that the proposed course includes 'cloud computing' where the ENGR prefix course does not. Comparing the syllabi, the ECSE course is more specific to ECSE students and learning/prep for research.*

*There is discussion that the course name should be changed to reflect its difference from ENGR 8140 (to include 'research' as this course helps prep ESCE students for their independent research).*

*While this course originally had pre-requisite courses added, this is uncommon for 8000-level classes (where students are often coming from other institutions without the exact same course titles). To be in better alignment with 8000-level class norms, we removed the listed pre-requisite courses and added a short sentence in the course description that 'assumes a previous course in Deep Learning.' This will help students identify background information they should have before taking this class.*

*Moved and conditionally approved by the committee pending a course name change to include 'research'*

*Key actions/takeaways: Racheida will talk to the instructors of record (Thirimachos Bourlai and Kyle Johnsen) and decide on a new course name that includes 'research, then email Justin the new CAPA new course proposal form to submit to CAPA*

- New course proposal: Advanced Signal Processing (ECSE 8800)

*While this course originally had pre-requisite courses added, this is uncommon for 8000-level classes (where students are often coming from other institutions without the exact same course titles). To be in better alignment with 8000-level class norms, we removed the listed pre-requisite courses and added a short sentence in the course description that 'assumes previous experience in signal processing.' This will help students identify background information they should have before taking this class.*

*Moved/seconded—approved by the committee with these changes*

*Key actions/takeaways: Justin will submit this new course proposal to CAPA*

- New course proposal: Advanced Dynamic Systems and Control (ECSE 8200)

*Similar to the two courses above, we removed prerequisite courses and added 'assumes background in feedback control systems' in the course description.*

*Key actions/takeaways: Justin will submit this new course proposal to CAPA*

*CMBE items:*

*Other items:*

*Next meeting: Friday, February 20, 2026 at 9:55AM*