

Meeting minutes — College of Engineering Curriculum Committee

Date/time: Friday, March 20, 2026 at 9:55AM

Location: Driftmier 1106C (door code: 1127#) and via [Zoom](#)
[Meeting materials](#)

Voting Members:

Dr. David Stooksbury, ECAM
Dr. John Aliu, EETI
Dr. Alison Banka, CMBE (Chair)
Dr. Racheida Lewis, ECE [not present]

Ex-officio Members:

Dr. Eduardo Silva, Chair, CMBE
Dr. Fred Beyette, Chair, ECSE
Dr. Ben Davis, Interim Chair, ECAM
Dr. Mable Fok, Associate Dean [not present]
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

Moved/approved/seconded

- Smartsheet course/curriculum proposal submission form (*update from Mable postponed to next meeting*)

Mable is not in attendance today for this update.

Key action/takeaway: Move this agenda item to next meeting.

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

Most schools have made these updates. As ECAM finalizes its graduate program changes, they should be sure to address any discrepancies.

Key action/takeaway: Move this agenda item to next meeting as a reminder for any schools making changes to grad programs.

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

Most schools have made these updates. As ECAM finalizes its graduate program changes, they should be sure to address any discrepancies.

Key action/takeaway: Move this agenda item to next meeting as a reminder for any schools making changes to grad programs.

- Institutional competencies/student learning outcomes ([CENGR-Institutional Competencies.xlsx](#)) (status update from Mable postponed to next meeting)

Mable was exploring what specific language has been useful for other schools while they navigate the process for institutional competency course approval. Because Mable isn't in attendance, this agenda item can be postponed.

Key action/takeaway: Move this agenda item to next meeting.

ECAM items:

- Course change proposal: Capstone Design I (ENVE 4910—status update? ENVE 4190S able to be entered into CAPA but not 4910?)

In the 'Course and Curriculum Proposal Progress' Excel sheet, there's a note that this course change proposal went through for ENVE 4190S but not ENVE 4190. Clarification on what that note mean would be beneficial to know if anything needs to happen on the CCC end.

Key action/takeaway: Justin couldn't attend this meeting, so Alison will reach out to him to ask what this note means and if there is anything that needs to happen to move this change proposal forward.

- New course proposal: Introduction to Optimal Control (MCHE 8230)

This course is part of the new MCHE 'core' curricula for graduate programs (PhD and eventual MS). This 'core' will have a set of approximately 8 classes and students will be able to choose a subset of those classes. The ECAM CC vetted this course and ensured it wasn't a 'duplicate' from any courses that already exist.

Motion to approve, seconded, approved by quorum.

Key action/takeaway: Alison will reach out to Justin to ask him to send this new course proposal to CAPA.

- New course proposal: Multidisciplinary Design Optimization (MCHE 8650)

This course is part of the new MCHE 'core' curricula for graduate programs (PhD and eventual MS). This 'core' will have a set of approximately 8 classes and students will be able to choose a subset of those classes. The ECAM CC vetted this course and ensured it wasn't a 'duplicate' from any courses that already exist.

Motion to approve, seconded, approved by quorum.

Key action/takeaway: Alison will reach out to Justin to ask him to send this new course proposal to CAPA.

- New course proposal: Machine and Computer Vision for Engineers (MCHE/AENG 8240)

This course is likely not in the new MCHE core, but an elective. The ECAM CC vetted this course and ensured it wasn't a 'duplicate' from any courses that already exist, especially paying attention to courses that already exist in ECE (which tend more theoretical). This course is intended to be more applied for mechanical and agricultural students.

Motion to approve, seconded, approved by quorum.

Key action/takeaway: Alison will reach out to Justin to ask him to send this new course proposal to CAPA.

EETI/ENED items:

ENGR items:

- New course proposal: Energy Security (INTL/ENGR 4279) (Status update from school CCs)

The ECAM CC already reviewed this new course proposal and sent it back to the instructor for edits, specifically for two reasons. First, the student learning outcomes (SLOs) were very generic for international affairs (the SLOs really were not specific to energy and engineering). Second, the pre-requisite courses (i.e., inclusion of Numerical Methods) were not appropriate for this course. Thermo, specifically, should definitely be required as the energy-related part of the class requires background in Thermodynamics.

Goals for the revised new course proposal are these two big items.

There was some discussion about whether or not this would be a mechanical engineering elective course. That discussion will occur after the course gets approved (ECAM CC will examine the class at that point to determine if it is appropriate as an engineering elective).

Key action/takeaway: Once this new course proposal is revised, David will share the revised version with all the school CC chairs for consideration.

ECSE items:

- New course proposal: Bayesian Methods for Engineering Applications (ECSE 8820) (status update-- in CAPA?)

This course was conditionally approved by the CENGR CC in our January meeting. Follow-up was required to edit the new course proposal, specifically to make adjustments to the course name by the instructor of record. Because the ECSE representative couldn't attend today, we aren't sure of the status of this new course proposal.

Key action/takeaway: Alison will follow up with Racheida to see if the new course proposal has been changed according to recommendations by the CENGR CC. If so, we will send that edited new course proposal to Justin to input to CAPA.

- New course proposal: Deep Learning and Cloud Computing (ECSE 8850) (status update-- in CAPA?)

This course was conditionally approved by the CENGR CC in our January meeting. Follow-up was required to edit the new course proposal, specifically to make adjustments to the course name by the instructor of record. Because the ECSE representative couldn't attend today, we aren't sure of the status of this new course proposal.

Key action/takeaway: Alison will follow up with Racheida to see if the new course proposal has been changed according to recommendations by the CENGR CC. If so, we will send that edited new course proposal to Justin to input to CAPA.

CMBE items:

Other items:

Advising has a few specific questions—there is an update on AERO 3990 and AERO certificate curriculum? Where is that in the process? Once AERO 3990 is officially approved, then the certificate can be updated (which can be done within the school that houses the certificate). The key for updating certificates is in PARC!

Everyone, bring your fall course schedules for next meeting so we can figure out a fall meeting schedule!

Next meeting: Friday, April 24th, 2026 at 9:55AM