

UNIVERSITY SYSTEM OF GEORGIA  
REGENTS' ENGINEERING PATHWAY PROGRAM ADVISORY COMMITTEE

ANNUAL MEETING  
December 10, 2021

*Note: The meeting was conducted via Zoom.*

1. By-Laws

Ms. Barbara Gooby introduced a draft of by-laws for the REP Program based on a template provided by the University System of Georgia for its Regents Advisory Committees. Ms. Gooby clarified that each institution receives one vote regardless of the number of campuses the institution has (Article III).

Recommended changes were to change the name of the committee to the Regents' Engineering Pathway Program Advisory Committee; and to allow for expansion of the Executive Committee as other schools begin offering engineering courses. Thus, the wording for Article II, Section 1.a. and similar sections will now read: "The Executive Committee will be comprised of deans or associate deans of the engineering institutions in Georgia as designated by the University System of Georgia."

⇒ A motion was made to pass the by-laws as amended, the motion was seconded, and the motion passed. Ms. Gooby will distribute the new by-laws and Dr. Brown will post them on the REP Program website.

2. Updates to Area F for Engineering

Area F in each curriculum comprises 18 credit hours appropriate to the major. The Executive Committee has discussed this issue in the past. There is no uniform Area F that all engineering schools have selected or for which they advocate.

Dr. Barbara Brown spoke to the need to unify curriculum Area F. Area F provides guidance to students when they transfer from one institution to another. Dr. Brown inherited the list provided (attached) for Georgia Tech. She asked whether the REP Program should have an Area F that allows students to take engineering courses at a non-engineering institution, whereas Georgia Tech typically prefers students not take engineering courses before they arrive at Tech. Dr. Brown noted that someone suggested that Linear Algebra should be included. The Committee will have to decide on a uniform Area F, should the committee want it to be uniform.

Taking what Tech had, the only way to fit engineering courses in would be to move Physics to Area D. Dr. Brown added that Learning Outcomes must be included.

The Engineering Technology Area F was developed in 1998 before we went to the semester system. Dr. Brown would like to see a consensus developed for these programs as well, with more specific math, chemistry, physics, and computer science recommendations.

⇒ Dr. Davoud suggested putting a committee together for the Engineering Technology Area F, and asked Dr. Cameron Coates to serve as chair of this committee to come up with a common Engineering Technology Area F. Dr. Coates agreed, and will recruit members from all REP Program member schools that offer engineering technology courses.

⇒ Area F for Engineering – Dean Davoud suggested that each engineering school will clarify their Areas F, and identify the Areas F clearly on their websites and on the USG website. The engineering schools will make sure they follow the spirit of the purpose of the Area. Dr. Brown asked that the courses be clearly identified with a short explanatory sentence.

Dr. Davoud noted that learning outcomes will be the next step. Dr. Brown said the learning outcomes could be broad. Dr. Ramasamy supported working to find equivalencies in each other's curriculums rather than trying to develop a common, umbrella Area F (Area 6 for UGA).

3. Presentations

Mercer University  
Kennesaw State University  
University of Georgia  
Georgia Southern University  
Georgia Tech

The general meeting adjourned.

Respectfully submitted,

*Barbara N. Gooley*