

MOTION

The College of Engineering Faculty Organization hereby approves the recommendation that the College establish a Common First Year (CFY) program to be implemented Fall 2025 with the following specifications:

- It includes the BS majors of Civil, Computer, Electrical, Environmental, Mechanical, and Systems Engineering, as well as Civil, Electrical, and Mechanical Engineering Technology.
- Students will apply to First-year Engineering (FEGR) and have the option of specifying their target major, if desired.
- The CFY will contain 30 student credit hours; FEGR students will take:
 - 9 hours of General Education requirements, as specified by the University.
 - 11 hours of courses taught by the College of Engineering. Each course shall contain content, which introduces and reinforces all engineering disciplines to students.
 - Exploring Engineering & Technology w/ Success (2 credits)
 - Foundations of Math & Science for Engineering (3 credits) [designated Science course]
 - Logic and Computational Problem Solving (3 credits)
 - Engr Visualization & Graphical Communication (3 credits).
 - 6 hours of Mathematics matched to their individual placement in Math via ALEKS test.
 - 4 hours of Physics and lab.
- During the registration process for their 3rd semester, FEGR students will declare or confirm their discipline-specific major. All programs must accept 30 credits from the CFY as part of their degree (which can include Calc II in place of Precalc for students who start in Precalc; and where applicable, whether Pre-calculus will be included in the degree's 120 hours). Specific entrance criteria for each major will be determined by each program (including the required level of Mathematics completed by the student, with completion of Calculus I as a minimum).

MOTION showing markup from February 14, 2024 modification

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