

TO: The Faculty of the College of Engineering
FROM: The First-Year Engineering Curriculum Committee
RE: Change to the Requirements for Completion of First-Year Engineering (FYE)

The First-Year Engineering Curriculum Committee (FYECC) has approved the following change to the requirements for completion of FYE. FYECC considers this an administrative edit, and not a substantive change, so the committee requests Fast-Track approval by the Engineering Curriculum Committee on behalf of the faculty of the College.

This action updates the FYE requirements to reflect the fact that GS 10000 and GS 10100 have been renamed as ENGL 11000 and ENGL 11100, respectively, starting with the Fall 2017 semester. The change affects Requirement 8 of Section I of the FYE requirements (the full requirements are listed below), and will be effective with the Fall 2017 catalog term (registrar term 201810). There are no changes to sections II, III, or IV, nor to items 1-7 of section I.

The new courses (ENGL 11000 and ENGL 11100) include the same course descriptions, objectives, and attributes, including Humanities Foundational Outcome designation for ENGL 11000, as their predecessors (GS 10000 and GS 10100, respectively).

This EFD is an edit of EFD 09-17, the current document outlining FYE requirements.

The full requirements are listed below, with the change highlighted.

Proposed requirements: (for Fall 2017 entry to Purdue and beyond)

I. Courses: To complete FYE and be eligible for consideration for entry into an Engineering degree program, a student must complete the following courses:

1. ENGR 13100, ENGR 14100, ENGR 16100, or [EPCS 11100 **and** EPCS 12100]
2. ENGR 13200, ENGR 14200, ENGR 16200, or ENGR 13300
3. MA 16100 or MA 16500
4. MA 16200, MA 16600, or MA 17300
5. CHM 11500 or [CHM 11100 **and** CHM 11200]
6. PHYS 17200, or [ENGR 16100 **and** ENGR 16200]
7. A science selective course, chosen from:
 - a. CHM 11600
 - b. CS 15900
 - c. BIOL 11000
 - d. BIOL 11100
 - e. BIOL 13100
 - f. BIOL 12100 **and** BIOL 13500
8. Two of the following four courses:
 - a. A course that meets the Written Communication foundational outcome

- (typically ENGL 10600 or ENGL 10800)
- b. A course that meets the Oral Communication foundational outcome
 (typically COM 11400)
- c. ~~GS 10000~~ ENGL 11000 (this option is available only for students who have a TOEFL score in their student record).
- d. ~~GS 10100~~ ENGL 11100 (this option is available only for students who have a TOEFL score in their student record).

II. Minimum Grades: Earned grades must be C– or better for any course used to meet the requirements above, if the grade posts to the Purdue transcript.

III. Grade Average: To complete FYE, the student’s cumulative GPA must be of 2.00 or greater, and an Engineering Admissions Index (EAI) must be 2.00 or greater. Calculation of the EAI is equivalent to the calculation of GPA for courses used to meet all FYE requirements 1-8 above. If a student meets a requirement in more than one way, only one will be used to calculate the EAI. The FYE Curriculum Committee will be responsible for keeping an updated, clear, and universal set of rules for determining which course is used in EAI for these situations. The FYE Advising Office will make these rules available to students.

VI. Total Number of Credits: Students must earn a total of at least 30 credits.

Reason: This is an administrative change only. Fast-track approval is requested.



Audeen Fentiman
Interim Head, School of Engineering Education
Chair, First-Year Engineering Curriculum Committee