



2020 Suggested Courses for Electrical Engineering (EE) 2020-2021 Catalog

1) Major course options:

- **May already be fulfilled with transfer credit; check prerequisites**
- CPE 133 (4) ^: Digital Design
- EE 143 (1)*: Electric Circuit Analysis I Laboratory
- Students **without** transfer credit in EE 113 (3): Electric Circuit Analysis I
 - Take: EE 113 (3)*: Electric Circuit Analysis I
- Students **with** transfer credit in EE 113 (3): Electric Circuit Analysis I
 - Take: EE 211 (3)* and EE 241 (1)*: Electric Circuit Analysis II and Laboratory
or EE 212 (3)* and EE 242 (1)*: Electric Circuit Analysis III and Laboratory

Note for EE Courses: Permission to enroll via permission number is required for these courses. Please fill out the form below completely. Yvonne Lynch, Administrative Coordinator, of the EE Department will email you permission numbers as her schedule permits. Please be patient, as she will have many students to assist. If you have any questions about this process, please email Yvonne Lynch at ylynch@calpoly.edu.

- [Electrical Engineering Course Permission Number Request Form](#)
- Transfer students should NOT take EE 111 (1) & EE 151 (1); instead, students need two additional units of “approved technical electives” or “approved engineering support electives” to fulfill these two units.

2) Support course options:

- **May already be fulfilled with transfer credit; check prerequisites**
- PHYS 211 (4) ^: Modern Physics I
- CPE 101 (4) ^: Fundamentals of Computer Science
- BIO 213 (2) & BMED 213 (2): Life Science for Engineers and Bioengineering Fundamentals
- See list of options for [Approved Support Electives](#) (9 total units required)

***Course is required or strongly recommended in fall due to course availability or prerequisites**

^Course should be taken as soon as possible

3) General Education (GE) course options:

- **May already be fulfilled with transfer credit; check prerequisites**
- Any remaining lower division GE course(s)
- Upper-Division C
- The [Graduation Writing Requirement \(GWR\)](#) must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course (which can double-count with the

Upper-Division C) OR by registering for the Writing Proficiency Examination (WPE). GWR courses are searchable on Schedule Builder.

- The [United States Cultural Pluralism \(USCP\)](#) requirement must be satisfied before graduation. USCP courses may double-count with a remaining GE requirement and are searchable on Schedule Builder.

4) Additional notes:

- Recommended that you enroll in 12 – 16 units
- Some EE courses will need to be enrolled in by permission number only. Please make sure to read the section notes in Schedule Builder to identify these courses.
- As you plan, pay close attention to the prerequisites required for EE 306/346.
- For planning purposes, refer to [Term Typically Offered Website](#) for the term(s) EE courses are typically offered.

5) Engineering Student Services:

Engineering Advising | Multicultural Engineering Program | International Exchange Program

Location: Building 40, Room 115

Phone: 805-756-1461

[Email](#)

[Website](#)

6) EE Department:

Location: Building 20A, Room 200

Phone number: 805-756-2781

[Email](#)

[Website](#)