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
     o Note: Students with credit in EE 113 will need to request a permission number following
       the steps in Section 7 of this document to override the concurrent enrollment requisite
       with EE 113.
   • Students without transfer credit in EE 113 (3): Electric Circuit Analysis I
     o Take: EE 113 (3)*: Electric Circuit Analysis I
   Students with transfer credit in EE 113 (3): Electric Circuit Analysis I
     o 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
   • 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.
     o Note: If you do not have transfer credit for EE 111 & EE 151 (identified your Degree
       Progress Report), you will encounter a pre-requisite error when trying to enroll in CPE
       133. If this is the case, please request a permission number following the steps in
       Section 7 of this document to override this pre-requisite for CPE 133.

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

7) Permission Numbers:
   Departments may issue permission numbers which are special codes used for students to enroll in classes that have seats reserved for majors, or to override registration errors. If you experience problems enrolling in CPE 133 and any EE course, please fill out the form linked 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