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

1) Major course options:
   • May already be fulfilled with transfer credit; check prerequisites.
   • EE 143 (1)*: Electric Circuit Analysis I Laboratory
     o If you already have credit for EE 113, you will need to request a permission number to
       enroll in EE 143; follow the instructions under “Additional Notes” in this document. (This
       permission number will override the concurrent enrollment requisite with EE 113.)
   • If you do not have transfer credit in EE 113:
     o Take: EE 113 (3)*: Electric Circuit Analysis I
   If you have transfer credit in EE 113:
     o Take: EE 211 (3)* and EE 241 (1)*: Electric Circuit Analysis II and Laboratory
   If you have transfer credit in EE 113, 211, and 241:
     o Take: EE 212 (3)* and EE 242 (1)*: Electric Circuit Analysis III and Laboratory
   • CPE 133 (4)^: Digital Design
     o If you do not have transfer credit for EE 111 & EE 151 (confirmed in your Degree
       Progress Report), you will encounter a prerequisite error when trying to enroll in CPE
       133. In this case, request a permission number following the instructions under
       “Additional Notes” in this document.
   • Transfer students should NOT take EE 111 (1) & EE 151 (1); instead, students can fulfill this
     requirement with:
     o 2 additional units of “approved technical electives” or “approved engineering support
       electives”
     o or with approved transfer credit

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 completing the GWR Portfolio (currently for students in graduating quarter only). 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 are enrolled by permission number only. The section notes in Schedule Builder will identify these courses and provide further instructions.
   - 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) courses are typically offered.
   - All transfer students admitted in fall 2021 will follow the 20-21 catalog due to changes on the 21-22 catalog that may require additional coursework. You can change your catalog year through the Registrar’s Office, if you wish. We recommend meeting with an advisor before changing your catalog.
   - You may need a permission number to enroll in a course. Permission numbers are unique codes departments or class instructors may choose to issue so you can enroll in a class that the system is preventing you from enrolling in on your own.

   If you experience problems enrolling in CPE 133 or any EE course, fill out the form linked below. Yvonne Lynch, EE Department Administrative Coordinator, 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 directly.

   Electrical Engineering Course Permission Number Request Form

5) Engineering Student Services (ESS):
   Engineering Advising | Multicultural Engineering Program | International Exchange Program
   Location: Building 40, Room 115
   Phone: 805-756-1461 (not monitored during COVID-19 office closure)
   ESS Email
   ESS Website

6) EE Department:
   Location: Building 20A, Room 200
   Phone: 805-756-2781
   EE Email
   EE Website