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

   *Permission to enroll via permission number is required for these courses. Email Yvonne Lynch in the EE Department to obtain permission numbers; please include your preferred section of each course in your email:
     - Yvonne Lynch, EE Department, email, phone: 805-756-2781
   - 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 should be taken as soon as possible

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

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