2020 Suggested Courses for
Software Engineering (SE) 2020 – 2021 Catalog

1) Major course options:
   • May already be fulfilled with transfer credit; check prerequisites
   • CPE 203 (4)*: Project-Based Object-Oriented Programming and Design
     o If you experience problems enrolling in CPE 203, please contact Leanne Fiorentino in the
       CSC Department: email, phone: (805)756-2825
   • CSC 225 (4)^: Introduction to Computer Organization
   • Transfer students should NOT take CPE 123.
     o May already be fulfilled with transfer credit.
     o If not fulfilled, take an additional 4 extra units of Technical Electives in a future quarter.

2) Support course options:
   • May already be fulfilled with transfer credit; check prerequisites
   • PSY 201 or PSY 202 (4): General Psychology
   • PSY 350 (4): Teamwork
     or COMS 217 (4): Small Group Communication
   • STAT 312 (4): Statistical Methods for Engineers
   • IME 314 (3): Engineering Economics
     or IME 315 (3): Financial Decision Making for Engineers
   • Math Support Elective (see link below for options)
   • Life Science Support Elective (see link below for options)
   • Options for electives

*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.
   - As you plan, pay close attention to the prerequisites required for CPE 357.
   - For planning purposes, refer to [Terms Typically Offered Website](#) for the term 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) **CSC and SE Department:**
   Location: Bldg. 14, Rm. 254
   Phone: 805-756-2824
   [Email](#)
   [Website](#)