



## 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 (Sections 01, 03, 05, and 07 are reserved for transfer students).
  - 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 (sections 01 and 05 are reserved for transfer students). Please contact Leanne Fiorentino if you have issues enrolling.
- Transfer students should NOT take CPE 123.
  - **May already be fulfilled with transfer credit.**
  - 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](#)