Fall 2022 Suggested Courses for Software Engineering (SE)

1) High-priority courses for Fall 2022:
   These courses are recommended for Fall 2022 for your major.
   These requirements may already be fulfilled with transfer credit.
   You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.
   - If you do not have transfer credit in CSC 202, take:
     - CSC 202 (4): Data Structures
   - If you have transfer credit in CSC 202, take:
     - CSC 203-17 (4): Project-Based Object-Oriented Programming and Design (Professor Kazerouni)
     - CPE 225 (4): Introduction to Computer Organization
   - If you have transfer credit in CSC 202 and CSC 203, take:
     - CSC 248 (4): Discrete Structures
     - CPE 225 (4): Introduction to Computer Organization

2) Mid-priority courses for Fall 2022:
   These courses are not required for Fall 2022 but are recommended to take sooner than later.
   These requirements may already be fulfilled with transfer credit.
   You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.
   - If you have transfer credit in CSC 202, CSC 203, CSC 248 and CPE 225, take:
     - CSC 305-03 (4): Individual Software Design & Development – (Professor Joydeep)
     - CSC 365-09 (4): Intro to Database Systems – (Professor Andrew Migler)
   - If you have transfer credit in CSC 202, CSC 203 and CSC 248 and will be taking CPE 225 during Fall 2022, choose one course:
     - CSC 305-03 (4): Individual Software Design & Development – (Professor Joydeep)
     - CSC 365-09 (4): Intro to Database Systems – (Professor Andrew Migler)
   - PHIL 323(4): This course also double counts for the GE UD C requirement. If you did not take in transfer a lower division philosophy GE Area C course, you will need to request a permission number by emailing the Philosophy Department at phil@calpoly.edu. Be sure to include in the email that you are an incoming SE Transfer student and which section you would like to enroll in.

3) Low-priority courses for Fall 2022:
   These are additional course options for Fall 2022, if you need additional units.
   These requirements may already be fulfilled with transfer credit.
   You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.
• 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
• Life Science Support Elective

4) General degree requirement notes:
• The Graduation Writing Requirement (GWR) must be fulfilled before graduation by either:
  1. Enrolling in a GWR-approved, upper-division English course, which can double-count with
     the Upper-Division C.
  2. Or enrolling in UNIV 401: GWR Portfolio. If you take PHIL 323, you will want to choose this
     option. Do not take this course in Fall 2022; take it after you complete the Upper-Division C
     GE (PHIL 323).
• 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.

5) Additional notes:
• If you experience problems enrolling in CSC/CPE prefixed courses, please email Leanne
  Fiorentino in the CSC/SE Department with the subject: Transfer Student Permission Number
  Needed.
• Transfer students should NOT take CPE 123.
  o May already be fulfilled with transfer credit.
  o If not fulfilled, take an additional 4 units of Technical Electives in a future quarter.
• Recommended that you enroll in 12 – 16 units in Fall 2022.
• For planning purposes, refer to the Terms Typically Offered Website for the term(s) courses are
  typically offered.
• Most transfer students admitted in Fall 2022 will follow the 20-21 catalog due to changes on
  the newest catalog that 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. The code allows you to enroll in a class
  that the system is preventing you from enrolling in.

6) Engineering Student Services (ESS):
  Engineering Advising | Multicultural Engineering Program | International Exchange Program
  Location: Building 40, Room 115
  Phone: 805-756-1461
  ESS Email: eadvise@calpoly.edu
  ESS Website: https://eadvise.calpoly.edu/

7) CSC and SE Department:
Location: Building 14, Room 254
Phone: 805-756-2824
CSC/SE Department Email: computer-science@calpoly.edu
CSC/SE Website: https://csc.calpoly.edu/