Fall 2024 Suggested Courses for Computer Engineering (CPE)

1) High-priority courses for Fall 2024:
These courses are recommended for Fall 2024 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.

- CPE 100 (1) (section 02 with Professor Slivovsky): Computer Engineering Orientation (only offered in the Fall)
- CPE 133 (4): Digital Design
  - You will need a permission number to enroll in CPE 133; follow the instructions under “Additional Notes” in this document (This permission number will override the prerequisite of CPE 100).
- If you have transfer credit in CSC 101 take:
  - CSC 202 (4): Data Structures
- If you have transfer credit in CSC 101 and CSC 202, take:
  - CSC 203 (4): Project-Based Object-Oriented Programming and Design
- If you have transfer credit in CSC 101, CSC 202 and CSC 203, take:
  - CSC 248 (4): Discrete Structures
- If you do not have transfer credit in EE 115 and EE 145, take:
  - EE 115 (3) and EE 145 (1): Electrical and Electronic Circuits and Laboratory
- If you have transfer credit in EE 115 and EE 145, take:
  - EE 215 (3) and EE 245 (1): Electric Circuit Analysis III and Laboratory

2) Additional course options for Fall 2024:
These courses are not required for Fall 2024 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.

- PHIL 327 or PHIL 339 (Also fulfills GE Upper-Division C requirement). These classes have some seats reserved for CPE Transfers. PHIL 323, 328, and 340 are also options to fulfill this requirement; however, they are not reserved for CPE Transfers.
- ES/WGQS 350 or ES 351 (choose 1 course): If you did not transfer in credit for the USCP (see information below), then ES/WGQS 350 will double count for the support requirement and the USCP requirement. If you did not transfer in credit for the Area D Elective, then ES 351 will double count for the support requirement and GE requirement.
- Any remaining lower-division Support or General Education (GE) course(s).

3) General degree requirement notes:
- The Graduation Writing Requirement (GWR) must be fulfilled before graduation by either:
2. Or enrolling in a GWR-approved course (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 or ES/WGQS 350 (support requirement) and are searchable on Schedule Builder.

4) **Additional notes:**
   - Transfer students should NOT take CPE 123.
     - **May already be fulfilled with transfer credit.**
     - 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 2024.
   - 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.

5) **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: eadvise.calpoly.edu

6) **CPE Department:**
   - Location: Building 20A, Room 215
   - Phone: 805-756-1229
   - CPE Department email: cpe@calpoly.edu
   - CPE website: cpe.calpoly.edu