Fall 2022 Suggested Courses for Computer Engineering (CPE)

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.

- CPE 100 (1) (section 02 with Professor Slivovsky): Computer Engineering Orientation (only offered in the Fall)
- CPE 133 (4) (sections 01/02 or 03/04 with Professor Benson): Digital Design
  - You will need a permission number from Donna Aiken 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) (section 17 with Professor Kazerouni): 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 113 and EE 143, take:
  - EE 113 (3) and EE 143 (1): Electric Circuit Analysis I and Laboratory
  - Important: Please see an Engineering Student Services advisor between July 18th-August 9th to discuss your flowchart and degree requirements due to changes in the CPE curriculum.
- If you have transfer credit in EE 113 and EE 143, take:
  - EE 215 (3) and EE 245 (1): Electric Circuit Analysis III and Laboratory (only offered in the Fall).
    - A permission number will be required to enroll in EE 215 and EE 245. Information on how to obtain a permission number will be posted prior to registration (see instructions in the “Additional Notes” section of this document).
  - Important: While you are still following the 20-21 catalog, you will be taking the new CPE classes. Please only follow the CPE transfer specific flowchart on the website.
2) **Additional course options 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.
   - Any remaining lower-division Support or General Education (GE) course(s).
   - GE Upper Division C (refer to the section below re: GWR and USCP)

3) **General degree requirement notes:**
   - The [Graduation Writing Requirement (GWR)](link) 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. Do not take this course in Fall 2022; take it after you complete the Upper-Division C GE.
   - The [United States Cultural Pluralism (USCP)](link) 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:**
   - 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 2022.
   - For planning purposes, refer to the [Terms Typically Offered Website](link) 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](link), if you wish. We recommend meeting with an advisor before changing your catalog.
   - You may need a [permission number](link) 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. Please be patient, as departments will have many students to assist.
     - If you need a permission number for an CPE course, complete the [CPE Transfer Student Permission Number Request Form](link). You can request up to 2 permission numbers per form, so you may need to request multiple forms depending on the amount of permission numbers you need. If you experience problems enrolling in a CPE course, please email Donna Aiken (daiken@calpoly.edu) in the CPE Department.
     - If you need a permission number for an EE course, complete the “Fall 2022 EE Permission Request Form – Transfers” form. Please fill out the form thoroughly. Once the form is forwarded to the EE office, they will process your request. You will then receive your permission number(s) in an email. Please be patient, as they have many forms to process and it may take a few days to get back to you. If you experience problems enrolling in any EE course, please email Yvonne Lynch (ylynch@calpoly.edu), EE Department Administrative Coordinator.
If you experience problems enrolling in CSC 202, CSC 203, or CSC 248, please email Leanne Fiorentino (lfiorent@calpoly.edu) in the CSC Department with course needed and the email subject: Transfer Student Permission Number Needed.

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

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