Please note: this flowchart is one example of how students can graduate in 2 years. Many transfer students need longer than this. We encourage students to use this as a tool in creating their own unique quarter by quarter graduation plan.

### Notes:
- **Most General Education Courses Can Be Taken in Any Order As Long As Prerequisites Are Met**
  - Refer to current catalog for prerequisites.
  - USCP requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D2, D Elective, or E
  - Refer to your catalog for course selection.

- **Some CPE Courses Will Need To Be Enrolled In By Permission Number Only. Make Sure To Read All The Section Notes In Schedule Builder Each Quarter To Identify These Courses.**
  - Course can be taken previously or concurrently.
  - CSC 348 on the 20-21 catalog is now offered as CSC 248. CSC 348 is no longer offered.
  - See catalog for course options. Consultation with advisor is recommended prior to selecting technical electives or approved electives; bear in mind your selections may impact your pursuit of post-baccalaureate studies and/or goals. No course credits may be used simultaneously to satisfy both engineering support and technical elective requirements.
  - ENGR 459, 460, 461, & CPE 450, or ENGR 463, 464, 465, & CPE 450 may substitute for CPE 350 and CPE 450.
  - The following courses may not be used to satisfy this requirement: CDSF units; BU 499, CSC 302, CSC 310, CSC 400, CSC 500; EE 321, EE 322, EE 361, EE 400, EE 460, EE 500, EE 563.
  - Take CPE 333 (4) or CPE 315 (4).
  - Take CPE 316 (4); or CPE/EE 329 (4); or EE 331 (4)

#### 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 completing the GWR Portfolio through enrolling in UNIV 401. GWR courses are searchable on Schedule Builder.)

### Suggested Academic Flowchart for Transfer Students Admitted Fall 2022

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CPE 100 (1)</td>
<td>CPE 233 (4)</td>
<td>CPE 357 (4)</td>
</tr>
<tr>
<td></td>
<td>(Prereq: MATH 131; CPE 123 with a grade of C- or better)</td>
<td>(Prereq: CPE 123 with a grade of C- or better)</td>
<td>(Prereq: CPE 123 with a grade of C- or better)</td>
</tr>
<tr>
<td>2</td>
<td>CPE 316 (4)</td>
<td>CPE 350 (4)</td>
<td>CPE 450 (4)</td>
</tr>
<tr>
<td></td>
<td>(Previously CSC 348)</td>
<td>(Previously CSC 423)</td>
<td>(Previously CSC 423)</td>
</tr>
<tr>
<td></td>
<td>(Coreq: CSC 235; CSC 348)</td>
<td>(Coreq: CSC 235; CSC 348)</td>
<td>(Coreq: CSC 235; CSC 348)</td>
</tr>
</tbody>
</table>

### Course Title
- **Computer Engineering Orientation**
- **Upper Division C (4)**
- **Systems Programming**
- **Discrete Structures**
- **Capstone I**
- **Capstone II**
- **Introduction to Operating Systems**
- **Introduction to Computer Networks**
- **Computer Design and Assembly Language Programming**
- **Digital Design**
- **Computer Hardware Architecture & Design**
- **Algorithms & Embedded Application Development**
- **Microcontrollers & Embedded Application Development**
- **Computer Networks**
- **Approved Technical Elective**
- **Approved Technical Elective**

### Prerequisites
- Math 131
- CPE 123 with a grade of C- or better
- CSC 235
- CSC 348
- CSC 350
- CSC 423
- EE 211

### Section Notes
- This Transfer Student Flowchart assumes equivalents for the courses below have been transferred to Cal Poly. Anything not transferred in needs to be added to this flowchart, which may result in an additional quarter(s). Check your DPR to verify credit.
- Most General Education Courses Can Be Taken in Any Order As Long As Prerequisites Are Met.
- Some CPE Courses Will Need To Be Enrolled In By Permission Number Only. Make Sure To Read All The Section Notes In Schedule Builder Each Quarter To Identify These Courses.
- Refer To Current Catalog For Prerequisites.