

COMPUTER ENGINEERING

2026-2028 Semester Catalog
THIS IS AN UNOFFICIAL EXAMPLE

Fall 2026 Transfer Flowchart
 General Curriculum
 2-Year Semester

TOTAL SEMESTER UNITS REQUIRED : 124-128

Catalog Notes & Suggestions
 Below is an example of a pathway for a transfer student who is **on the Semester Catalog**.

NOTE ABOUT TRANSFER CREDIT

Below is a list of courses that you may have transfer credit for. Anything not transferred, needs to be added to your graduation plan, which may result in additional terms.

POTENTIAL CAL POLY EQUIVALENT TRANSFER CREDIT				YEAR ONE 2026-2027	YEAR TWO 2027-2028		
				FALL	SPRING	FALL	SPRING
Introduction to Computing CSC 1024 (2) <i>CPE Transfer Students with Additional STEM transfer college coursework or AP CSC test credit will have credit applied to CSC 1024. If you do not have credit, you will take an additional 2 units of Technical Electives in a future term.</i>				Computing Majors Orientation CPE 1000 (1)	Introduction to Computer Security CSC 3201 (3) <small>CSC 2050</small>	Capstone Senior Project I CPE 4460 (3)^{^^} <small>Senior Standing and one of: CPE 3160, CPE 3300, or CPE 3201</small>	Capstone Senior Project II CPE 4461 (3)^{^^} <small>CPE 4460</small>
Fundamentals of Computer Science CSC 1001 (3) <small>MATH 1004 or MATH 1006 with C- or better. Concurrent: CSC 1001L</small>	Fundamentals of Computer Science Laboratory CSC 1001L (1) <small>MATH 1004 or MATH 1006 with C- or better. Concurrent: CSC 1001</small>	Data Structures CSC 2001 (3) <small>CPE/CSC 101 or CSC 1001 with a grade of C- or better. Concurrent: CSC 2001L</small>	Data Structures Laboratory CSC 2001L (1) <small>Concurrent: CSC 2001</small>	Intro to Computer Systems CPE 2300 (3) <small>CSC 1001</small>	Microcontrollers & Embedded Systems CPE 3160 (3) <small>CSC 2050 & CPE 2300</small>	Introduction to Operating Systems CSC 4553 (3) <small>CSC 2050 & CSC 2300</small>	Introduction to Computer Networks CPE 4464 (3) <small>CSC 2050</small>
Electric Circuit Analysis I EE 2211 (3) & EE 2241 (1) <small>MATH 1262 and PHYS 1143</small>	Choose one from: MATH 1151 (3) -or- MATH 2341 (4) <small>*</small>	Choose one from: BIO 1111 -or- BIO 2213 -or- BOT 1121 -or- MCRO 2221 <small>[GE 5B (B2)]</small>	Calculus I MATH 1261 (4) <small>MATH 1005 or MATH 1007 with C- or better [GE 2]</small>	Intro to HDL and Digital Design CPE 2301 (1) <small>Co-req: CPE 2300</small>	Computer Architecture CPE 3300 (4) <small>CPE 2300 & 2301, Rec: CSC 2050</small>	Technical Elective (4) <small>**</small>	Technical Elective (4) <small>**</small>
Calculus II MATH 1262 (4) <small>MATH 1261 with C- or better</small>	Transition to Advanced Mathematics MATH 2031 (3) <small>MATH 1262, MATH 1263 or MATH 1265</small>	General Physics I PHYS 1141 (4) <small>Co-req: MATH 1261</small>	General Physics II PHYS 1143 (4) <small>PHYS 1141 Co-req: MATH 1262</small>	System Software Mechanics CSC 2050 (3) <small>CSC 2001 with C- or better</small>	Choose one from: EE 3306 & 3306L (4) -or- EE 2328 (4) <small>*</small>	Technical Elective (4) <small>**</small>	Math/Science Elective (3) <small>**</small>
Written Communication GE 1A (3) <small>*</small>	Critical Thinking GE 1B (3) <small>*</small>	Oral Communication GE 1C (3) <small>*</small>	Arts GE 3A (3) <small>*</small>	Choose one from: STAT 3210 (3) -or- STAT 3310 (3) <small>* [GE UD 2 or 5] STAT 3210 recommended for new TRs</small>		Choose one from: WGQS 3350 (4) -or- WGQS 3351 (4)[^] <small>*</small>	Upper-Division Area 4: Social & Behavioral Sciences GE UD 4 (3)[^] <small>Area 4 courses must come from at least two different prefixes *</small>
Humanities: Literature, Philosophy, and Languages other than English GE 3B (3) <small>*</small>	American Institutions GE 4A (3) <small>Area 4 courses must come from at least two different prefixes *</small>	Social and Behavioral Science GE 4B (3) <small>Area 4 courses must come from at least two different prefixes *</small>	Ethnic Studies GE 6 (3) <small>*</small>	Ethics, Science, and Technology PHIL 3323 (3) <small>* [GE UD 3]</small>			
				14 SEM.	14 SEM.	18 SEM.	16 SEM.

Anything not transferred, needs to be added to your plan on the right, which may result in additional terms.

UNITS

Please Note: These flowcharts are an example and not a template of your individualized plan. You will need to consult the Catalog and Degree Progress Report for detailed information about what you need to graduate. Engineering Student Services is available for assistance in this process.

*Refer to current catalog for course requirements..
 ** Total units needed for Technical Electives are based on capstone experience selection and math/science elective. Refer to catalog for more information on technical elective selection.
 ^ Double counting opportunity. Free electives may be needed to meet unit total.
 ^^ Other capstone options available. Refer to course catalog.

Course Color Key

MAJOR	GE
SUPPORT	CONCENTRATION

Additional Requirements

Click the links below to learn more about how to complete these requirements before graduation.

U.S. CULTURAL PLURISM (USCP)

GRADUATION WRITING REQ. (GWR)