

CSC COURSE OFFERINGS PER TERM (copy into your browser): <https://www.csc.calpoly.edu/courses/proposed/>

Updated 8/11/2014

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR			
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	
Introduction to Computing CPE/CSC 123 (4) (Basic computer literacy)	Fundamentals of Computer Science I CSC/CPE 101 (4) *	Fundamentals of Computer Science II CSC/CPE 102 or 108 (4) *	Fundamentals of Computer Science III CSC/CPE 103 (4) *	Systems Programming CSC/CPE 357 (4) *			Introduction to Operating Systems CSC/CPE 453 (4) (CSC/CPE 357, and CSC/CPE 225 or CPE/EE 229 or CPE/EE 233)					
	Discrete Structures I CSC 141 (4) *		Introduction to Computer Organization CSC 225 (4) [†] (CSC/CPE 102)			Computer Architecture CSC/CPE 315 (4) (CSC/CPE 103, & CPE/EE 229 or CSC/EE 233)			Professional Responsibilities CSC/CPE 300 (4) (CPE 357, Jr. Standing)			
		Science Elective (4) [^] *** [Add'l Area B]			Mathematics/Statistics Elective (4) [^] ***	Software Engineering I CSC/CPE 307 or 308 (4) (CPE 307: CPE103 w/ > C-, CPE 357, CPE 308: CPE 357)	Software Engineering II CSC/CPE 309 (4) ² OR Technical Elective (4) ²	Approved Technical Elective (4) ***	Approved Technical Elective (4) ***	Senior Project Lab I CSC 491 (2) (CSC/CPE 307 or 309, Instr. Consent)	Senior Project Lab II CSC 492 (3) (CSC 491, Instr. Consent)	
Calculus I MATH 141 (4) * [B1]	Calculus II MATH 142 (4) (MATH 141 w/min C-)	Mathematics/Statistics Elective (4) [^] ***	CHOOSE ONE OF THE FOLLOWING SERIES*: Physics I PHYS 141 (4) [B3/B4] OR Physics II PHYS 132 (4) [Add'l Area B] OR Physics III PHYS 133 (4)			Design and Analysis of Algorithms CSC 349 (4) (CPE 103 w/min C-; MATH 142; STAT 312, 321, or 350)	GE (4) **	Programming Languages I CSC/CPE 430 (4) *		Theory of Computation I CSC 445 (4) (CSC 141 & 349, or Instr. Consent)	Approved Technical Elective (4) ***	Approved Technical Elective (4) ***
Expository Writing ENGL 133/134 (4)** [A1] Can be taken anytime during Freshman Year			Chemistry I CHEM 124 (4) [B3/B4]	Chemistry II CHEM 125 (4) [Add'l Area B]	Chemistry III CHEM 129 (4)		Approved Technical Elective (4) ***	Approved Support Elective (4) [^] ***	Life Science [^] BIO/ENGR 213, BIO 111, BIO 161, BOT 121, MCRO 221, MCRO 224 (4-5)* [B2]	Approved Technical Elective (4) ***	Approved Support Elective (4) [^] ***	
Oral Communication COMS 101/102 (4)** [A2] Can be taken anytime during Freshman Year			GE (4) **	Statistical Methods for Engineers STAT 321 or 312 (4) (MATH 142) [B6]	GE (4) **		GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	
	Technical Writing for Engineers ENGL 149 (4) [A3] (Completion of GE A1 with a C- or better, Recommended: Completion of GE A2) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years											
						Graduation Writing Requirement GWR* (Can be taken any time after 90 earned units)						
12	16	16	16	16	16	12	16	16	16-17	14	15	
										TOTAL: 181-182		

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4. C4 should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR). USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, or D4.

*** Refer to current catalog for course selection.

[^] Cannot double count units.

[†] Course can be taken previously or concurrently.

¹ CPE 129 & CPE 169 or CPE 133, and CPE 229 & CPE 269 or CPE 233 may be substituted for CSC 225.

² If CSC/CPE 308 is taken, you will take CSC/CPE 309 (which counts as a Technical Elective). If CSC/CPE 307 is taken, you can take 4 units of Technical Electives.

Legend:

Course Title	
Course # (Units)	Major (89)
(Prerequisite)	Support (52)
[GE Area]	General Ed. (40)