

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
CPE Orientation CPE 100			Digital Design & Lab CPE 129 & 169 (CPE 100, CPE 101)	Cmpt. Des. & Assm. Lang Prgm. Lab CPE 229 & 269 (CPE 129&169 w/≥C-)	General Chem. CHEM 124 *	Computer Arch. CPE 315 (CPE 103, CPE 229)	Micro Cntrl. & Embd. Apps. CPE 316*** (CPE 315 or CPE 329)	Operating Sys. I CPE 453 (CPE 353 or both CPE 315, 357)	CPE Capstone Preparation CPE 350 (CPE 329, CPE 316; either or both †)	CPE Capstone Project CPE 450 (CPE 350)	Intro Comp. Nets. CPE 464 *
Fundamentals of Computer Science I, II, III CPE 101 CPE 102 CPE 103 (MATH 118 or eqv. w/≥C-, & Basic Cmpt. Literacy*) (CPE 101 w/≥C-, MATH 141 w/≥C- † CSC 141) (CPE 102 w/≥C-, CSC 141 w/≥C-)			Electric Circuit Analysis I, II & III and Lab EE 112 EE 211 & 241 EE 212 & 242 (MATH 142 or eqv., PHYS 133 or †; Sugg. EE 111/151) (EE 112 w/≥C-, PHYS 133, MATH 244 or †) (MATH 244, EE 211 w/≥C-)			Sys. Prog. CPE 357 (CPE 103, CPE 229)		ME 211(3) or MATE 210 (3) & 215(1) *	Prob. & Rdn. Proc. STAT 350 (MATH 241, EE 228) [B6]	Approved Technical Elective ** 4 Units	Approved Technical Elective ** 4 Units
MATH 141 * [B1]	Calculus I, II & III MATH 142 (MATH 141: ≥C-) [B1]	MATH 143 (MATH 142) [Add'l Area B]	Calculus IV MATH 241 (MATH 143)	Linear Anal. I MATH 244 (MATH 143 or instructor consent)		Contin. Time Sigs EE 228 (EE 212, 242: ≥C-; Rcmd: MATH 241)	Dig. Elects. & Int Circuits Lab EE 307 & 347 (EE 129, 169 w/≥C-, EE 306, 346 w/≥C-, CPE 229 or †)	Programmable Logic CPE 329 (EE 307&347 w/≥C-, CPE 229&269 w/≥C-)	Life Science BIO 213 & ENGR/BRAE 213 (MATH 142 & CHEM 124) [B2]	Senior Project I & II CPE 461 CPE 462 (CPE 350) (CPE 450)	
Basic Elec. Mfg. Or Elec. Mfg. IME 156 or 157	Discrete Structures I CSC 141 (MATH 118 and 119 or H.S. eqv. & CPE 101 or eqv.; † CPE 102)	PHYS 131 (MATH 141: ≥C-, MATH 142 or †) [B3/B4]	General Physics PHYS 133 (PHYS 131 or 141, MATH 142) [B3/B4]	PHYS 132 (PHYS 131 or 141 or HNS 131) [B3/B4]	Modern Phys. PHYS 211 (PHYS 132, 133, MATH 241)	Semicond. Device Elects. & Lab EE 306 & 346 (CHEM 124, EE 212, 242: ≥C-, IME 156 or 157, PHYS 211)	Comparative social Institutions GEB [D3]	Tech. Writing ENGL 149 (completion of A1 + A2) * [A3]	Approved Technical Elective ** 4 Units	CSC, EE Math or Science EL (See approved list)	
Writing Exposition ENGL 134 [A1]	Fine&Perform. Arts GEB [C3]	Oral Communication SCOM 101/102 [A2]	American Experience GEB [D1]		Philosophy GEB [C2]		Literature EL GEB [C1]	Political Economy GEB [D2]	Approved Technical Elective ** 4 Units	Self Development GEB [D4]	Li/Phil/Arts 300-400 Level GEB [C4]
15(17)	16	16	18	16	16	16	16	19(20)	13	18	14
										TOTAL:	193

**Notes:**

COURSES CAN BE TAKEN IN ANY CHOSEN ORDER, AS LONG AS PREREQUISITES ARE MET.

( ) Prerequisite

\* Refer to current catalog for prerequisites.

\*\* Technical Electives: Student must select with the approval of faculty advisor. Technical Elective form required. Technical Elective Units must total 12.

\*\*\* For Spring 2006, substitution of approved tech elective for CPE 316 possible with petition

† Concurrent or Co requisite

For catalog changes refer to www.eadvise.calpoly.edu