

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Intro to EE EE 111/151 ¹	Fund. Comp. Sci. CSC 101 (MATH 118 or eqv. w/ ≥C-, & Basic Computer Literacy***)	Digital Design EE 129/169 (EE 111, EE 151, CSC 101)	Electric Circuit Analysis, Lab II & III EE 211/241 (EE 112 w/ ≥ C-, PHYS 133) (MATH 244 or †)	EE 212/242 (MATH 244, EE 211 w/ ≥C-, EE 241 w/≥C-)	Continuous Time EE 228 (EE 212 and 242 w/ ≥C-, reind. MATH 241)	EE 306/346 (CHEM 124, EE 212 & 242 w/≥C-, IME 156 or IME 157, PHYS 211) (sugg. ENGL 134)	Electronics EE 307/347 EE 308/348 (EE 129 & 169 w/ ≥C-, EE 306 & 346 w/ ≥C-) (EE 229 or †)		EE 409/449 (EE 308 & 348 w/≥C-, EE 328 & 368 w/≥C-, EE 329 w/≥C-)		GEB *** [D4]
Electronic Mfg. IME 156		Electric Circuit Analysis I EE 112 (MATH 142 or equiv.) (PHYS 133 or †) (sugg. EE 111/151)		Computer Design EE 229/269 (EE 129 and EE 169 w/ ≥C-)	Energy Conversion EE 255/295 (EE 212/242 w/ ≥C-)	Discrete Time EE 328/368 (EE 228 w/ ≥C-)	Control EE 302/342 (EE 228 w/ ≥C-, EE 255 & 295) (Sugg. EE 368)		Technical Elective **	Technical Elective **	Technical Elective **
MATH 141 *** [B1]	Analytic Geometry & Calculus MATH 142 (MATH 141: ≥ C-) [B1]		MATH 143 (MATH 142) [B+]	Linear Anal. I MATH 244 (MATH 143 or Instructor Consent)	Calculus IV MATH 241 (MATH 143)	Prob. Rand. Proc. STAT 350 (EE 228, MATH 241) [B6]	Communications EE 314 (STAT 350)	Prog. Log./Microproc. EE 329 (EE 307/347 w/ ≥C-, EE 229/269 w/ ≥C-)	EE 460 (EE 314 w/ ≥C-, EE 335 w/ ≥C-) (EE 409 & 449 or †)	Senior Project EE 461 or 463 (EE 409 & 449, EE 460)	EE 462 or 464 (EE 409 & 449, EE 460) (EE 463 for EE 464 only)
Gen. Chem. CHEM 124 ***	PHYS 131 (MATH 141 w/≥C-) (MATH 142 or †) [B3,B4]	General Physics PHYS 133 (PHYS 131 or 141, MATH 142) [B+]	PHYS 132 (PHYS 131 or 141 or HNRS 131) [B+]		Modern Phys. PHYS 211 (PHYS 132, 133, MATH 241)			Electromagnetics EE 335 (MATH 241, EE 212 & 242 w/ ≥C-)	EE 402/442 (EE 335 w/ ≥ C-)	GEB *** [D2]	GEB *** [D3]
ENGL 134 ² *** [A1]	GEB *** [A2]	ENGL 149 (completion of GE area A1 and A2) [A3]	BIO 213/ ENGR 213 (MATH 142, CHEM 124) [B2]	GEB *** [C1]	GEB *** [C2]	GEB *** [C3]	GEB *** [C4]	GEB *** [D1]	Engineering Support *	Engineering Support *	Engineering Support *
16	16	18	16	16	16	16	15	16	17	14	17
										TOTAL:	193

Notes:

() = prerequisites; [] = GEB category satisfied, if relevant.

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

¹ Take prior to EE 211/241.

² May be taken any quarter of freshman year.

† Co requisite or concurrent.

* **Engineering Support:** Student must select a minimum of three courses from an approved list (for a total of at least 9 units).

** **Technical Electives:** Student must select with the approval of faculty advisor. (A minimum of two senior level EE lectures and two senior level EE labs is required.)

*** Refer to current catalog for prerequisites.

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