

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR				
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
Intro to EE EE 111/151 <sup>†</sup>	Fund. Comp. Sci. CSC 101 <small>(MATH 118 or eqv. w/ ≥C-, &amp; Basic Computer Literacy)**)</small>	Digital Design EE 129/169 <small>(EE 111, EE 151, CSC 101)</small>	Electric Circuit Analysis ,Lab II & III EE 211/241 <small>(EE 112 w/ ≥C-, PHYS 133) (MATH 244 or †)</small>	EE 212/242 <small>(MATH 244, EE 211 w/ ≥C-)</small>	Continuous Time EE 228 <small>(EE 212 and 242 w/ ≥C-, reqd. MATH 241)</small>	Electronics EE 306/346 <small>(CHEM 124, EE 212 &amp; 242 w/ ≥C-, IME 156 or IME 157 or IME 458, PHYS 211) sugges. ENGL 134</small>			EE 307/347 <small>(EE 129 &amp; 169 w/ ≥C-, EE 306 &amp; 346 w/ ≥C-) (EE 229 or †)</small>	EE 308/348 <small>(EE 307 &amp; 347 w/ ≥C-, EE 302 &amp; 342 w/ ≥C-)</small>	EE 409/449 <small>(EE 308 &amp; 348 w/ ≥C-, EE 328 &amp; 368 w/ ≥C-, EE 329 w/ ≥C-)</small>	GEB *** [D4]	
Electronic Mfg. IME 156 or IME 157		Electric Circuit Analysis I EE 112 <small>(MATH 142 or equiv.) (PHYS 133 or †) (sugg. EE 111/151)</small>		Computer Design EE 229/269 <small>(EE 129 and EE 169 w/ ≥C-)</small>	Energy Conversion EE 255/295 <small>(EE 212/242 w/ ≥C-)</small>	Discrete Time EE 328/368 <small>(EE 228 w/ ≥C-)</small>	Control EE 302/342 <small>(EE 228, EE 255 &amp; 295) (Sugg. EE 368)</small>		Technical Elective **	Technical Elective **	Technical Elective **		
Analytic Geometry & Calculus MATH 141 *** [B1]			MATH 142 <small>(MATH 141: ≥C-)</small> [B1]	MATH 143 <small>(MATH 142)</small> [B+]	Linear Anal. I MATH 244 <small>(MATH 143 or Instructor Consent)</small>	Calculus IV MATH 241 <small>(MATH 143)</small>	Prob. Rand. Proc. STAT 350 <small>(EE 228, MATH 241)</small> [B6]	Communications EE 314 <small>(STAT 350 w/ ≥C-)</small>	Prog. Log./Microproc. EE 329 <small>(EE 307/347 w/ ≥C-, EE 229/269 w/ ≥C-)</small>	Senior Project EE 460 <small>(EE 314 w/ ≥C-, EE 335 w/ ≥C-) (EE 409 &amp; 449 or †)</small>		EE 461 or 463 <small>(EE 409 &amp; 449, EE 460)</small>	EE 462 or 464 <small>(EE 409 &amp; 449, EE 460) (EE 463 for EE 464 only)</small>
Gen. Chem. CHEM 124 ***	PHYS 141 <small>(MATH 141 w/ ≥C-) (MATH 142 or †) [B3,B4]</small>	General Physics PHYS 133 <small>(PHYS 141, MATH 142) [B+]</small>	PHYS 132 <small>(PHYS 141) [B+]</small>		Modern Phys. PHYS 211 <small>(PHYS 132, 133, MATH 241)</small>			Electromagnetics EE 335/375 <small>(MATH 241, EE 212 &amp; 242 w/ ≥C-)</small>	EE 402 <small>(EE 335 w/ ≥C-)</small>	GEB *** [D2]	GEB *** [D3]		
ENGL 134 *** [A1]	COMS 101/102 *** [A2]	ENGL 149 <small>(completion of GE area A1 and A2)</small> [A3]	BIO 213/ ENGR 213 <small>(MATH 142, CHEM 124)</small> [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	17	17	14	17		
										TOTAL:	194		

**Notes:**

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

**COURSES SHOULD BE TAKEN IN QUARTERS DESIGNATED ON THIS EE FLOWCHART.**

Refer to 2007-2009 Catalog for GE&B course selection, multidisciplinary requirement (EE 255), cultural pluralism, and GWR requirement

<sup>†</sup> Take prior to EE 211/241.

† 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.eadvice.calpoly.edu