

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR				
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
<i>Intro to EE</i> EE 111/151 ¹	<i>Fund. Comp. Sci.</i> CSC 101 <small>(MATH 118 or eqv. w/ ≥C-, & Basic Computer Literacy***)</small>	<i>Digital Design</i> EE 129/169 <small>(EE 111, EE 151, CSC 101)</small>	<i>Electric Circuit Analysis, Lab II & III</i> EE 211/241 <small>(EE 112 w/ ≥C-, PHYS 133 †, MATH 244 †)</small>		EE 212/242 <small>(MATH 244, EE 211 w/ ≥C-)</small>	<i>Continuous Time</i> EE 228 <small>(EE 212 and 242 w/ ≥C-, rcmd. MATH 241)</small>	<i>Electronics</i> EE 306/346 <small>(CHEM 124, EE 212 & 242 w/ ≥C-, IME 156 or IME 157 or IME 458, PHYS 211)</small>			EE 307/347 <small>(EE 129 & 169 w/ ≥C-, EE 306 & 346 w/ ≥C-, EE 229 †)</small>	EE 308/348 <small>(EE 307 & 347 w/ ≥C-, EE 302 & 342 w/ ≥C-)</small>	EE 409/449 <small>(EE 308 & 348 w/ ≥C-, EE 328 & 368 w/ ≥C-, EE 329 w/ ≥C-)</small>	GEB *** [D4]
<i>Electronic Mfg.</i> IME 156 or IME 157		<i>Electric Circuit Analysis I</i> EE 112 <small>(MATH 142, sugg. EE 111/151)</small>		<i>Computer Design</i> EE 229/269 <small>(EE 129/169 w/ ≥C-)</small>	<i>Energy Conversion</i> EE 255/295 <small>(EE 212/242 w/ ≥C-)</small>	<i>Discrete Time</i> EE 328/368 <small>(EE 228 w/ ≥C-)</small>	<i>Control</i> EE 302/342 <small>(EE 228, EE 255 & 295, Sugg. EE 368)</small>		Technical Elective **	Technical Elective **	Technical Elective **		
MATH 141 *** [B1]	<i>Analytic Geometry & Calculus</i> MATH 142 <small>(MATH 141: ≥ C-)</small>		MATH 143 <small>(MATH 142)</small>	<i>Linear Anal. I</i> MATH 244 <small>(MATH 143 or Instructor Consent)</small>	<i>Calculus IV</i> MATH 241 <small>(MATH 143)</small>	<i>Prob/Random Processes</i> STAT 350 <small>(EE 228, MATH 241)</small>	<i>Communications</i> EE 314 <small>(STAT 350 w/ ≥ C-)</small>	<i>Prog Log Microproc-Bsd</i> EE 329 <small>(EE 307/347 w/ ≥C-, EE 229/269 w/ ≥C-)</small>	EE 460 <small>(EE 314 w/ ≥C-, EE 335 w/ ≥C-, EE 409&449 †)</small>	<i>Senior Project</i> EE 461 or 463 <small>(EE 409 & 449, EE 460)</small>		EE 462 or 464 <small>(EE 463)</small> <small>(EE 463 for EE 464 only)</small>	
<i>Gen. Chem.</i> CHEM 124 ***	PHYS 141 <small>(MATH 141 w/ ≥C-, MATH 142 †)</small>	<i>General Physics</i> PHYS 133 <small>(PHYS 141, MATH 142)</small>		PHYS 132 <small>(PHYS 141)</small>	<i>Modern Phys.</i> PHYS 211 <small>(PHYS 132, 133, MATH 241)</small>			<i>Electromagnetics</i> EE 335/375 <small>(MATH 241, EE 212 & 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 2009-2011 Catalog for GE&B course selection, multidisciplinary requirement (EE 255), cultural pluralism, and GWR requirement

¹ Take prior to EE 211/241. Not for students with transfer credit for EE 211/241.

† Prerequisite 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