

**2007 - 2009
AEROSPACE ENGINEERING**

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
<i>Aero Fundmntls.</i> AERO 121			<i>Intro Aero Dsgn.</i> AERO 215 <small>(AERO 121, MATH 143, rcmd: CSC 111, IME 144)</small>	<i>Aero Engr Analysis</i> AERO 300 <small>(PHYS 133, ME 211 MATH 244 †)</small>	<i>Aerothermodynamics I, II, & III</i> AERO 301 AERO 302 AERO 303 <small>(ME 211 and AERO 300) (AERO 301) (AERO 302)</small>			<i>Exp'mtl Aerotherm.</i> AERO 304 <small>(ENGL 149, AERO 302 †)</small>	<i>Propulsion Sys.</i> AERO 401 <small>(AERO 303, AERO 306)</small>	<i>Senior Project I&II or S.P Lab I&II</i> Aero 461 or Aero 462 or Aero 463 or Aero 464 <small>(Senior Standing) (Senior Standing)</small> Note: Begin project work and lit search well before Sign-up with Department Chair	
<i>Intro Dsgn Mnfg.</i> IME 144 <small>(IME 130 or H.S. drafting)</small>	<i>Gen. Chem.</i> CHEM 124 ** [B3/B4]	<i>Technical Writing</i> ENGL 149 <small>(Completion of GE Areas A1 + A2)</small> [A3]	<i>Statics</i> ME 211 <small>(MATH 241 or †, PHYS 131)</small>	<i>Dynamics</i> ME 212 <small>(ME 211, MATH 241)</small>	<i>Stat. Mthd. for Engrs</i> STAT 312 <small>(MATH 142)</small>	<i>Aerodynam. Flight Prfrm.</i> AERO 306 <small>(AERO 215, AERO 301, AERO 302 †)</small>	<i>Exp'mtl Aerodynam.</i> AERO 307 <small>(AERO 302, AERO 306, ENGL 149)</small>	AERO 405** <small>(Aeronautics Conc.)</small> OR AERO 451** <small>(Astronautics Conc.)</small>	AERO 443** OR AERO 447**	AERO 444** OR AERO 448**	AERO 445** OR AERO 449**
MATH 141 ** [B1]	<i>Calculus I, II, & III</i> MATH 142 <small>(MATH 141 w/≥C-)</small> [B1]	MATH 143 <small>(MATH 142)</small> [Add'l Area B]	<i>Calculus IV</i> MATH 241 <small>(MATH 143)</small>	<i>Linear analysis I</i> MATH 244 <small>(MATH 143 or instructor consent)</small>	<i>Electric Circuit Thry</i> EE 201/251 <small>(MATH 244 and PHYS 133)</small>	<i>Aero Structrl Analysis I</i> AERO 331 <small>(AERO 300, CE 207, ME 212)</small>	<i>Aero Structrl Analysis II</i> AERO 431 <small>(AERO 331)</small>	<i>Intro to Space Systems</i> AERO 446 <small>(ME 212, AERO 320)</small>	<i>Exper. Stress Analysis</i> AERO 433 <small>(AERO 331, AERO 431)</small>	CONCEN. ELECTIVES <small>(4 Units)</small>	CONCEN. ELECTIVES <small>(4 Units)</small>
<i>Self Develop.</i> GEB [D4]	PHYS 131 <small>(MATH 141 w/≥ C-, MATH 142 or †)</small>	<i>General Physics</i> PHYS 132 <small>(PHYS 131)</small>	PHYS 133 <small>(PHYS 131 and MATH 142)</small>	<i>Mechanics of Materials I & II</i> CE 204 CE 207 <small>(ME 211) (CE 204)</small>		<i>Electronics</i> EE 321/361 <small>(EE 201, EE 251)</small>	<i>Fund.Guidnc. Cntrl</i> AERO 320 <small>(AERO 215, AERO 300, ME 212 or †)</small>	<i>Stbly Cntrl. Aero Vhcl.</i> AERO 420 <small>(ME 212, AERO 306, AERO 320)</small>	<i>Fine & Perf. Arts El.</i> GEB [C3]		
<i>Writing Exposition</i> ENGL 134 [A1]	<i>Pub. Speaking /Speech Com</i> COMS 101/102 [A2]	<i>American Exp.</i> GEB [D1]	BIO 213/ ENGR 213 <small>(MATH 142 and CHEM 124)</small> [B2]	<i>Mate. Engr</i> MATE 210 <small>(CHEM 124, MATH 141, PHYS 131)</small>			<i>Philosophy El.</i> GEB ** [C2]	<i>Literature El.</i> GEB ** [C1]	<i>Literature, Philosophy & Arts</i> GEB ** [C4]	<i>Social Institutions</i> GEB [D3]	<i>Political Econ.</i> GEB [D2]
18	16	16	17	18	15	16	18	18	17	13	14
										TOTAL:	196

Notes:

() = PREREQUISITE

† = CO-REQUISITE

** Refer to current catalog for prerequisites

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

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

Refer to 2007-2009 Catalog for GE&B course selection, multidisciplinary requirement, cultural pluralism, and GWR requirement.

Please refer to department annual course offerings for list of available classes each quarter.