

BS ELECTRICAL ENGINEERING

NAME _____
 STUDENT ID _____
 CONCENTRATION _____
 MINOR _____

Major GPA at least 2.00 _____ [] YES [] NO
 US Cultural Pluralism Met++ [] YES [] NO
 60 Units Upper Division Met ^{Taken/Remaining} [] YES [] NO
 GWR Met [] YES [] NO
 Upper Div GEB Met ^{Taken/Remaining} [] YES [] NO

2003-2005

Units Required 193

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
	<= Units that are NOT Degree Applicable			
	<= Degree Applicable Units			

Note: No Major, Support or Concentration courses may be taken credit/no credit

MAJOR COURSES (86)	Units	Grade	GrdPts
EE 111 Intro to Electr Engineering	1		
EE 151 Intro to Electr Engr Lab	1		
EE 129 Digital Design	3		
EE 169 Digital Design Lab	1		
EE 213 Basic Circuit Analy	4		
EE 253 Basic Circuit Analy Lab	1		
EE 214 Steady-State Circ Analy	4		
EE 254 Steady-State Circ Analy Lab	1		
EE 228 Cont-Time Signals & Sys	4		
EE 229 Comp Des/Assb Lang Prog	3		
EE 269 Comp Des/Assb Lang Prog Lab	1		
EE 255 Energy Conv Electromag	3		
EE 295 Energy Conv Electromag Lab	1		
EE 302 Classical Contr Systems	3		
EE 342 Classical Contr Systems Lab	1		
EE 306 Semiconductor Dev Electronics	3		
EE 346 Semiconductor Dev Elec Lab	1		
EE 307 Digital Elec & Integrated Circ	3		
EE 347 Digital Elec & Integrated Circ Lab	1		
EE 308 Analog Elec & Integrated Circ	3		
EE 348 Analog Elec & Integ Circs Lab	1		
EE 314 Intro to Comm Systems	3		
EE 328 Discrete Time Sig & Systems	3		
EE 368 Signals & Systems Lab	1		
EE 329 Prog Log & Microprocr-Bsd Sys Des	4		
EE 335 Electromag Fields/Trans	4		
EE 402 Electromag Waves	4		
EE 442 Electromag Fields/Trans Lab	1		
EE 409 Electronic Design	3		
EE 449 Electronic Design Lab	1		
EE 460 Senior Project Preparation	1		
EE 461 (3) & EE 462 (2) Senior Project <i>or</i>	3		
EE 463 (3) & EE 464 (2) Senior Project Lab.....	2		
¹ Advisor Approved Technical Electives.....	12		

¹ Technical Electives Statement Required

MATH 141 Calculus I (B1)*	4
MATH 142 Calculus II (B1)*	4
MATH 143 Calculus III (Add'l Area B)*.....	4
MATH 241 Calculus IV	4
MATH 244 Linear Analysis I	4
PHYS 131 General Physics (Add'l Area B)*	4
PHYS 132 General Physics	4
PHYS 133 General Physics	4
PHYS 211 Modern Physics.....	4
STAT 350 Prob/Random Processes for Engr (B6)*	4
Approved engineering support electives	9
(Select at least 3 courses from list of approved courses)	

GENERAL EDUCATION (GE) (40)

72 units required; 32 units are in Support.

Refer to current schedule or www.calpoly.edu/~acadprog/gened/ to choose GE courses. You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300-400 level

Area A Communication	8
A1 ENGL 133/134	4
A2 SCOM 101/102	4
A3 Reasoning, Arg, and Writ *(4 units in Support).....	0
Area B Science and Mathematics (no add'l units req'd)	
28 units are specified in Support	0
Area C Arts and Humanities	16
C1 Literature	4
C2 Philosophy: PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division (300-elective)	4
Area D/E Society and the Individual	16
D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
Additional GE (if needed)	

- = Work in progress
- () = not allowed for degree credit
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification

ELECTIVES..... 0

SUPPORT COURSES (67)

BIO 213 <i>and</i>	2
ENGR/BRAE 213 (B2)*	2
CHEM 124 Gen Chem for Engineering (B3/B4)*.....	4
CSC 101 Fundamentals of Computer Science I.....	4
ENGL 149 Technical Writing for Engineers (A3)*.....	4
EE 156 Electronic Manufacturing.....	2