BS ELECTRICAL ENGINEERING

2009-2011 updated 02/26/09 **Units Required 194**

NAME_____
STUDENT ID_____
CONCENTRATION_____
MINOR_____

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

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 GE Met Taken/Remaining [ ] YES [ ] NO

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

***=Courses satisfy GE requirement**

MAJOR COURSES (87)	*Units*	*Grade*	*GrdPts*
EE 111 Intro to Electrical Engr	1		
EE 151 Intro to Electrical Engr Lab	1		
EE 112 Electric Circuit Analysis I	2		
EE 129 Digital Design	3		
EE 169 Digital Design Lab	1		
EE 211 Elect Circuit Analysis II	3		
EE 241 Elect Circuit Analysis II Lab	1		
EE 212 Elect Circuit Analysis III	3		
EE 242 Elect Circuit Analysis III Lab	1		
EE 228 Cont-Time Signals & Syst	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 Control Syst	3		
EE 342 Classical Control Syst Lab	1		
EE 306 Semiconduct Dev Elect	3		
EE 346 Semiconduct Dev Elect Lab	1		
EE 307 Digital Elec & Integ Circ	3		
EE 347 Digital Elec & Integ Circ Lab	1		
EE 308 Analog Elec & Integ Circ	3		
EE 348 Analog Elec & Integ Circ Lab	1		
EE 314 Intro to Communication Syst	3		
EE 328 Discrete Time Signals & Syst	3		
EE 368 Signals & Systems Lab	1		
EE 329 Prog Log & Micrprocr-Bsd Sys Des	4		
EE 335 Electromag Fields & Trans	4		
EE 375 Electromag Fields & Trans Lab	1		
EE 402 Electromag Waves	4		
EE 409 Electronic Design	3		
EE 449 Electronic Design Lab	1		
EE 460 Senior Project Prep	2		
EE 461 Senior Project I ***or*** EE 463 Senior Project Des Lab I	3 ***or*** 3		
EE 462 Senior Project II ***or*** EE 464 Senior Project Des Lab II	2 ***or*** 2		
[1]Advisor approved technical electives *Select a minimum of 2 EE senior design labs and 2 EE senior design lectures*	12		

[1]Technical Electives Statement Required

SUPPORT COURSES (67)

BIO 213 ***and***	2
ENGR/BRAE 213 (B2)*	2
CHEM 124 Gen Chem/Engr Disciplines I (B3/B4)*	4
CSC 101 Fund of Computer Science I	4
ENGL 149 Technical Writing for Engrs (A3)*	4
IME 156 ***or*** IME 157	2
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 141 Gen Physics IA (Add'l Area B)*	4
PHYS 132 Gen Physics II	4
PHYS 133 Gen Physics III	4
PHYS 211 Modern Physics I	4
STAT 350 Prob/Random Processes for Engr (B6)*	4
Approved engineering support electives (Select at least 3 courses from list of approved courses)	9

GENERAL EDUCATION (GE) 40

72 units required; 32 of which are specified in Support.

Refer to current schedule or http://www.ge.calpoly.edu to choose GE courses.
You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300 level

Area A Communication	**8**
A1 ENGL 133/134	4
A2 COMS 101/102	4
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)	

ELECTIVES 0

O = Work in progress	@ = possible credit by Department review
( ) = not allowed for degree credit	# = GE Certification