

College of Engineering and Computer Science

Electrical Engineering
Fall 2009

Name _____
SUID _____

Track: _____
Minor: _____

CREDIT	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR		
	GRADE	F	S	F	S	F	S	F		S	+/-
MATHEMATICS (18)											
MAT295	Calculus 1	(4)_____	4								
MAT296	Calculus 2	(4)_____		4							
MAT397	Calculus 3	(4)_____			4						
MAT485	Diff. Equations & Matrix Algebra	(3)_____				3					
MAT521	Probability and Statistics+	(3)_____					3				
SCIENCES (15)											
CHE106	General Chemistry 1	(3)_____	3								
CHE107	General Chemistry Lab 1	(1)_____	1								
PHY211	General Physics 1	(3)_____		3							
PHY221	General Physics Lab 1	(1)_____		1							
PHY212	General Physics 2	(3)_____			3						
PHY222	General Physics Lab 2	(1)_____			1						
	Science/Math Elective _____	(3)_____							3		
ENGLISH (12)											
WRT105	Studio 1: Practices of Academic Writing	(3)_____	3								
WRT205	Studio 2: Critical Research and Writing	(3)_____			3						
WRT307	Adv. Writing Studio: Professional Writing	(3)_____				3					
WRT407	Adv. Wrkshp in Prof. Tech, or Disc. Writing	(3)_____						3			
SOC. SCIENCE/HUMANITIES/GEN. ED. (18)											
	SSH Elective _____	(3)_____	3								
	SSH Elective _____	(3)_____		3							
	SSH Elective _____	(3)_____			3						
ECS392	Ethical Aspects of ECS	(3)_____						3			
	Non-Tech Elective _____	(3)_____		3							
	Non-Tech Elective _____	(3)_____							3		
ENGINEERING (9)											
ECS101	Intro. to Engr. & Comp. Sci.	(3)_____	3								
ECS102	Intro. to Computing	(3)_____		3							
CSE261	Digital Logic Design	(3)_____			3						
ELECTRICAL ENGINEERING (42)											
ELE231	Electrical Engr. Fundamentals I	(3)_____			3						
ELE232	Electrical Engr. Fundamentals II	(3)_____				3					
ELE291	Electrical Engr. Lab. I	(1)_____			1						
ELE292	Electrical Engr. Lab. II	(1)_____				1					
ELE324	Electromagnetics I	(3)_____					3				
ELE325	Electromagnetics II*	(3)_____						3			
ELE331	Digital Circuits & Systems	(3)_____					3				
ELE333	Analog Circuits	(3)_____						3			
ELE346	Semiconductor Devices*	(3)_____			3						
ELE351	System and Signal Analysis	(3)_____				3					
ELE391	Digital Circuits Laboratory	(3)_____				3					
ELE392	Analog Circuits Laboratory	(3)_____					3				
ELE497	Senior Project	(4)_____						3	1		
	Select Two of the Following 3 Courses:	() _____					3				
ELE312	Control Systems* (3)	() _____					3				
ELE352	Digital Signal Processing (3)										
ELE424	Fund.of RF and Microwaves (3)										
TECHNICAL ELECTIVES (12)											
	Tech Elective _____	(3)_____						3			
	Tech Elective _____	(3)_____						3			
	Tech Elective _____	(3)_____							3		
	Tech Elective _____	(3)_____							3		
FREE ELECTIVES (6)											
	Free Elective _____	(3)_____					3				
	Free Elective _____	(3)_____							3		
TOTAL CREDITS			132	17	17	15	16	18	18	15	16

*See reverse side for all notes