

College of Engineering & Computer Science

Civil Engineering

Fall 2009

Name _____

SUID _____

	CREDIT GRADE	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR +/-
		F	S	F	S	F	S	F	S	
MATHEMATICS (15)										
MAT295 Calculus 1	(4) _____	4								
MAT296 Calculus 2	(4) _____		4							
MAT397 Calculus 3	(4) _____			4						
MAT485 Diff. Equations & Matrix Algebra	(3) _____				3					
SCIENCES (16)										
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						
Select one of the following two courses:	(4) _____		4 or 4							
EAR101 Dynamic Earth (4)										
EAR203 Earth System Science (4)										
ENGLISH (9)										
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			
SOCIAL SCIENCE /HUMANITIES (18) (See curriculum notes)										
SSH Elective _____	(3) _____	3								
SSH Elective _____	(3) _____		3							
SSH Elective _____	(3) _____		3 or 3							
SSH Elective _____	(3) _____					3				
SSH Elective _____	(3) _____							3		
SSH Elective _____	(3) _____								3	
ENGINEERING (16/17)										
ECS101 Intro. to Engr. & Comp. Sci.	(3) _____	3								
ECS221 Statics	(3) _____			3						
ECS325 Mechanics of Solids	(4) _____				4					
ECS326 Engineering Materials	(3) _____						3			
Select One of the Following 3 Courses:	() _____				3 or 4					
ECS222 Dynamics (3)										
ELE231 Elec. Engr. Fundamentals I (3 or 4)										
MAE251 Thermodynamics (4)										
CIVIL ENGINEERING (41) D=16.00										
CIE272 Civil Engineering Analysis	(3) _____			3						
CIE274 Civil & Environmental Engr. Sys	(3) _____				3					
CIE327/MAE341 Fluid Mechanics	(4) _____					4				
CIE331 Analysis of Structures and Materials	(3) _____					3				
CIE332 Design of Concrete Structures 2.00	(3) _____						3			
CIE337 Intro to Geotechnical Engineerin 1.00	(4) _____					4				
CIE338 Foundation Engineering 2.00	(3) _____						3			
CIE341 Intro to Environmental Engr. 1.00	(3) _____					3				
CIE352 Water Resources Engr. 2.00	(4) _____						4			
CIE443 Transportation Engineering 2.00	(3) _____							3		
CIE442 Treatment Proc. in Envir. Engr 2.00	(4) _____							4		
CIE475 Capstone Design 4.00	(4) _____								4	
ELECTIVES (12)										
Free Elective _____	(3) _____							3		
Prof. Elective _____	(3) _____								3	
Tech Elective _____	(3) _____							3		
Tech Elective _____	(3) _____								3	
TOTAL CREDITS	127-128	17	14-15	17-18	16-17	17	16	16	13	