

College of Engineering and Computer Science

Engineering Physics

Effective Fall 2005

Name _____

SUID _____

	CREDIT GRADE	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR
		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				
MAT 521 Intro to Prob & Statistics	(3) _____						3			
SCIENCES (32)										
CHE106 General Chemistry 1	(3) _____	3								
CHE 107 General Chemistry Lab 1	(1) _____	1								
PHY215 General Physics 1 - Honors*	(3) _____	3								
PHY221 General Physics Lab 1	(1) _____	1								
PHY216 General Physics 2 - Honors*	(3) _____		3							
PHY222 General Physics Lab 2	(1) _____		1							
PHY361 Intro. to Modern Physics	(3) _____			3						
PHY322 Intermediate Mechanics 1*	(3) _____				3					
PHY344 Experimental Physics I	(4) _____				4					
PHY423 Intermediate Mechanics 2*	(3) _____					3				
PHY 531 Thermodynamics and Stat. Mech	(3) _____					3				
PHY567 Intro. to Quantum Mechanics 1	(4) _____						4			
ENGLISH/SOCIAL SCIENCE/HUMANITIES (24)										
WRT105 Studio 1: Practices of Academic Writing	(3) _____	3								
WRT205 Studio 2: Critical Research and Writing	(3) _____				3					
SSH Elective _____	(3) _____		3							
SSH Elective _____	(3) _____			3						
SSH Elective _____	(3) _____					3				
SSH Elective _____	(3) _____						3			
SSH Elective _____	(3) _____							3		
SSH Elective _____	(3) _____								3	
ENGINEERING (35)										
ECS101 Intro. to Engr. & Comp. Sci.	(3) _____	3								
ECS102 Intro. to Computing	(3) _____		3							
ECS326 Engr. Materials, Prop. & Proc.	(3) _____				3					
ELE231 Elec. Engr. Fundamentals 1	(3) _____			3						
ELE291 Electrical Engr. Laboratory 1	(1) _____			1						
ELE 324 Electromagnetics I	(3) _____					3				
ELE 325 Electrical Engr. Laboratory II	(3) _____						3			
ENP498 Senior Design Project I	(4) _____							4		
ENP498 Senior Design Project II	(4) _____								4	
MAE251 Thermodynamics*	(4) _____				4					
MAE341 Fluid Mechanics	(4) _____					4				
DESIGN/TECH ELECTIVES (15)										
Tech Elective _____	(3) _____						3			
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		130	18	14	14	17	16	19	16	16

*See reverse side for all notes