

College of Engineering and Computer Science

Computer Engineering

Effective Fall 2009

Name _____

SUID _____

Track (circle one): HWS SWS HSS INT

Minor/Second Major (if any): _____

CREDIT	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR	
	F	S	F	S	F	S	F	S		
GRADE										
MATHEMATICS (21)										
CIS275	Intro to Discrete Mathematics		(3) 3							
MAT295	Calculus 1		(4) 4							
MAT296	Calculus 2		(4) 4							
MAT397	Calculus 3		(4) 4							
MAT 485	Diff. Equations & Matrix Algebra		(3) 3							
MAT521	Intro. to Probability and Statistics*		(3) 3							
SCIENCES (12)										
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							
ENGLISH (12)										
WRT105	Studio 1: Practices of Academic Writing		(3) 3							
WRT205	Studio 2: Critical Research and Writing		(3) 3							
WRT307	Adv. Wrt Studio: Professional Writing		(3) 3							
WRT407	Adv. Wrkshp in Prof, Tech, or Disc. Writing		(3) 3							
SOC. SCIENCE/HUMANITIES/GEN. ED. (12)										
ECS392	Ethical Aspects of ECS		(3) 3							
PHI 251	Logic		(3) 3							
SSH Elective _____			(3) 3							
SSH Elective _____			(3) 3							
ENGINEERING (20)										
ECS101	Intro. to Engr. & Comp. Sci.		(3) 3							
ECS102	Intro. to Computing		(3) 3							
ELE231	Electrical Engr. Fundamentals I		(3) 3							
ELE232	Electrical Engr. Fundamentals II		(3) 3							
ELE291	Electrical Lab. 1		(1) 1							
ELE292	Electrical Lab. 2		(1) 1							
ELE331	Digital Circuits & Systems		(3) 3							
ELE 558	Data Networks: Basic Principles		(3) 3							
COMPUTER ENGINEERING (28)										
CSE261	Digital Logic Design		(3) 3							
CSE281	Comp. Org. & Assem. Lang.		(3) 3							
CSE283	Intro. To Object-Oriented Design		(3) 3							
CSE381	Computer Architecture		(3) 3							
CSE382	Algorithms & Data Structures		(3) 3							
CSE397	Computer Laboratory 1		(3) 3							
CSE398	Computer Laboratory 2		(3) 3							
CSE486	Design of Operating Systems		(3) 3							
CSE497	Senior Design Project		(3) 3							
CSE497	Senior Design Project		(1) 1							
TECHNICAL ELECTIVES (15)										
Tech Elective _____			(3) 3							
Tech Elective _____			(3) 3							
Tech Elective _____			(3) 3							
Tech Elective _____			(3) 3							
Tech Elective _____			(3) 3							
NON-ENG./COMP. SCIENCE ELECTIVES (9)										
Non-Eng./Comp. Sci. Elective _____			(3) 3							
Non-Eng./Comp. Sci. Elective _____			(3) 3							
Non-Eng./Comp. Sci. Elective _____			(3) 3							
TOTAL CREDITS	129		17		17		18		16	

*CIS 321 Introduction to Probability and Statistics (4 credits) can be substituted if a student does not want to pursue a mathematics minor.