COMPUTER ENGINEERING TECHNOLOGY (ComET) **Name:**_____

Advising Sheet - Catalog Year 2008-2009 **SS#:** _____

Freshman Year

EET	120	Logic Ckts. & Microprocessors	3	EET	110	Electrical Circuits I	3
EET	125	Logic & Microprocessor Lab.	2	ENGN	111	Freshman Engineering & Tech. II	2
ENGN	110	Freshman Engineering & Tech I	2	MATH	163	Pre-calculus II	3
MATH	162M	Pre Calculus I	3	PHYS	111N	General Physics I	4
ENGL	110C	English Composition	3	ENGL	131C	Technical & Scientific Writing	3
		Social Science Perspective (S)	3				15
			16				

Sophomore Year

EET	200	Electrical Circuits II	3	EET	220	Electronics Dev. & Circuits II	3
EET	205	Circuits Laboratory	2			Science[1]	3
EET	210	Electronic Dev. & Circuits I	3	MATH	211	Calculus I[2]	4
PHYS	112N	Physics II	4	CS	250	Problem Solving & Programming	4
CS	150	Introduction to Programming	4	CS	252	Introduction to Unix	1
			16				15

Junior Year

EET	300	Advanced Circuit Analysis	3	EET	305	Advanced Technical Analysis	4
EET	310	Digital Electronics	3	EET	320	Microprocessors & Microcontrollers	3
EET	315W	Digital Electronics Laboratory	2	EET	325	Microprocessor Lab.	2
CS	361	Advanced Data Structures	3	EET	330	Linear Electronics	3
CS	312	Internet Concepts	3	CS	451	Software Engineering Survey	3
		Historical Perspective (H)	3	ENGN	401	FE Review	1
			17				16

Senior Year

EET	335	Linear Electronics Laboratory	2	EET	480W	Senior Project	3
		ComET Senior Electives	6			ComET or CS Senior Elective	3
		CS Senior Electives[3]	6	COMM	101R	Public Speaking	3
		Literary Perspective (L)	3			Fine and Performing Arts Pers. (A)	3
			17			Philosophical Perspective (P)	3
							15

TOTAL CREDITS **127**

Typical ComET Senior Electives

EET 440, CAD Electronics
EET 405, Introduction to LAN
EET 410, Communication Principles
EET 415, Programmable Machine Controls
EET 420, Advanced Logic Design
EET 460, Modern Communications Systems
EET 470, Microprocessor Based Design
EET 490, Computer-Aided Circuit Simulation

Typical CS Electives

CS 412, Object Oriented Programming
CS 450, Database Concepts
CS 454, Network Management
CS 455, Networks and Communication
CS 480, Artificial Intelligence
CS 471, Operating Systems
CS 476, Systems Programming

[1]CHEM115N is highly recommended, especially for those who plan to take the Fundamentals of Engineering Examination.
[2]Students who earn grades of C or below in MATH162M/163 should take MATH205/206 instead of MATH211.
[3]ComET majors will automatically satisfy a minor in Computer Science.

Computer Requirements: Students must either own or have ready access to a computer with an internet connection.

Minor: Computer Engineering Technology students will automatically satisfy a minor in Computer Science.

Grades: ComET students are encouraged to repeat any Computer Science Courses in which they earn a grade below a C.

Foreign Language: Students must complete 6 hours of Foreign Language unless they meet one or more of the following: (a) completion of high school before December 1985, (b) completion of three years of one foreign language in high school, or (c) completion of two years each one of two foreign languages in high school. Graduates of this Program Earn a Bachelor of Science in Engineering Technology