

ELECTRICAL ENGINEERING TECHNOLOGY (EET)**Advising Sheet - Catalog Year 2008-2009****Name:** _____**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
		<u>16</u>			

Sophomore Year

EET 200	Electrical Circuits II	3	EET 220	Electronics Dev. & Circuits II	3
EET 205	Circuits Laboratory	2	EET 225	Electronics Laboratory	2
EET 210	Electronic Devices & Circuits I	3		Laboratory Science ¹	4
PHYS 112N	General Physics II	4	COMM 101R	Public Speaking	3
MATH 211	Calculus I ²	4		Fine & Performing Arts Perspective	3
		<u>16</u>			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
EET 360	Elec. Power & Machinery	3	EET 330	Linear Electronics	3
EET 365W	Elec. Power & Machinery Lab	2	EET 340	Transmission Networks	3
	Historical Perspective (H)	3	ENGN 401	FE Review	1
		<u>16</u>			16

Senior Year

EET 335	Linear Electronics Lab.	2	EET 480W	Senior Project	3
	EET Senior Electives	6		EET Senior Elective	3
	Minor Courses ³	6		Minor Courses ³	6
	Literary Perspective (L)	3		Philosophical Perspective {P}	3
		<u>17</u>			15

TOTAL CREDITS 12**Typical EET 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 430, Automatic Control Systems
 EET 440, High Frequency and Microwave Tech.
 EET 450, Digital Control Systems
 EET 460, Modern Communications Systems
 EET 470, Microprocessor Based Design
 EET 485, Electrical Power Systems
 EET 490, Computer-Aided Circuit Simulation

¹CHEM115N is highly recommended, especially for those who plan to take the Fundamentals of Engineering Examination.²Students who earn grades of C or below in MATH162M/163 should take MATH205/206 instead of MATH211.³Students are encouraged to take a minor in either Engineering Management or Mechanical Engineering Technology.**Computer Requirements:** Students must either own or have ready access to a computer with an internet connection.**Minor:** EET students are encouraged to take a minor in either Engineering Management or Mechanical Engineering Technology.**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