

ELECTRICAL ENGINEERING TECHNOLOGY

COMPUTER ENGINEERING TECHNOLOGY (ComET)

Advising Sheet - Catalog Year 2021-2022

Name: _____

UIN#: _____

**Freshman
Year**

EET 120	Logic Ckts. & Microprocessors	3	EET 110	Electrical Circuits I	3
EET 125	Logic & Microprocessor Lab.	1	ENGT 111	Engineering Tech. Info Literacy/Research	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		Laboratory Science ¹	4
	Gen Ed Human Behavior (S)	3			<u>16</u>
		<u>15</u>			

Sophomore Year

EET 200	Electrical Circuits II	3	EET 210	Electronic Dev. & Circuits I	3
EET 205	Circuits Laboratory	1	EET 225	Electronics Laboratory	1
EET 261	Intro to Microproc/Microcontrollers	3	MATH 211	Calculus I	4
PHYS 112N	Physics II	4	ENGL 211C	English Composition	3
CS 150	Introduction to Programming	4	CS 250	Problem Solving & Programming	4
		<u>15</u>	CS 252	Introduction to Unix	1
					<u>16</u>

Junior Year

EET 300	Advanced Circuit Analysis	3	EET 312	Principles of Communication Systems	4
EET 310	Digital Electronics	3	EET 320	Advanced Microprocessors & Microcontrollers	3
EET 315	Digital Electronics Laboratory	2	EET 325	Microprocessor Laboratory	2
CS 361	Advanced Data Structures	3	EET 363	Introduction to PLC	3
ENGT 305	Advanced Technical Analysis	3	EET 330	Linear Electronics	3
	Gen Ed Interpreting the Past (History)	3		Gen Ed Literature (L)	3
		<u>17</u>			<u>18</u>

Senior Year

ENGT 434	Introduction to Senior Design	1	ENGT 435W	Senior Project	3
EET 373	Instrumentation	3	COMM 101R	Public Speaking	3
ENMA 480	Ethics & Philosophy in Eng.Apps.	3	EET 370	Energy and the Environment	3
	ComET Senior Elective ²	3		Gen Ed Human Creativity (A)	3
	CS Senior Electives ²	6		ComET Senior Elective ²	3
		<u>16</u>			<u>15</u>

TOTAL CREDITS

128

Typical ComET Senior Electives

Any EET4XX course or EET360

Typical CS Electives

Students may select from CS 312, 330, 350, 355, 381 390, and any 400-level CS courses.

¹CHEM121N/122N is highly recommended, especially for those who plan to take the Fundamentals of Engineering Examination.

²ComET concentration 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.

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