

**ELECTRICAL ENGINEERING TECHNOLOGY
EMBEDDED SYSTEMS TECHNOLOGY (EBST)***

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		Gen Ed Human Creativity (A)	3
	Gen Ed Human Behavior (S)	3			
		<hr/>			<hr/>
		15			15

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		Laboratory Science ¹	4
PHYS 112N	General Physics II	4	COMM 101R	Public Speaking	3
MATH 211	Calculus I	4	ENGL 211C	English Composition	3
		<hr/>		Gen Ed. Interpreting the past (H)	3
		15			<hr/>
					17

Junior Year

EET 300	Advanced Circuit Analysis	3	EET 320	Advanced Microprocessors & Microcontrollers	3
ENGT 305	Advanced Technical Analysis	3	EET 312	Principles of Communication Systems	4
EET 310	Digital Electronics	3	EET 325	Microprocessor Lab.	2
EET 315	Digital Electronics Laboratory	2	EET 330	Linear Electronics	3
	Gen. Ed. Literature (L)	3	EET 363	Introduction to PLC	3
ENMA 480 ³	Ethics & Philosophy in Engr.Apps	3		Minor Course ²	3
		<hr/>			<hr/>
		17			18

Senior Year

EET 335	Linear Electronics Lab.	2	ENGT 435W	Senior Project (C or better required)	3
EET 373	Instrumentation	3	EET 4xx	Senior Elective	3
EET 470	Microprocessors Based designs	3		Minor Courses ²	6
ENGT 434	Introduction to Senior Design	1	EET 370	Energy and the Environment	3
EET 4xx	Minor Course ²	3			
	EET Senior Elective	3			
		<hr/>			<hr/>
		15			15

TOTAL CREDITS 127

For EET Senior Electives, students may select from any 400-level EET courses or EET360.

* Does not include the University's General Education language and culture requirement. Additional hours may be required.

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

² Students may select from any minor in either the College of Engineering and Technology or the College of Sciences. Note that minors requiring more than four courses will increase the total credits required to complete the degree

³ Meets philosophy and ethics general education requirement.

The General Education requirements in information literacy and research, impact of technology, and philosophy and ethics are met through the major.

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