

**ELECTRICAL ENGINEERING TECHNOLOGY
MECHATRONICS ENGINEERING TECHNOLOGY (MCHT)***

Name: _____
UIN#: _____

Advising Sheet - Catalog Year 2021-2022

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			
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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/> 15		Gen Ed. Interpreting the past (H)	3
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Junior Year

EET 300	Advanced Circuit Analysis	3	EET 312	Principles of Communication Systems	4
ENGT 305	Advanced Technical Analysis	3	EET 320	Advanced Microprocessors & Microcontrollers	3
EET 310	Digital Electronics	3	EET 325	Microprocessor Lab.	2
EET 315	Digital Electronics Laboratory	2	EET 330	Linear Electronics	3
EET 360	Elec. Power& Machinery	3	EET 363	Introduction to PLC	3
ENMA 480 ³	Ethics & Philosophy in Engr.Apps	3	MET	Minor Course ²	3
		<hr/> 17			<hr/> 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
ENGT 434	Introduction to Senior Design	1	MET	Minor Courses ²	6
EET 4xx	EET Senior Elective	3	EET 370	Energy and the Environment	3
MET	Minor Course ²	3			
	Gen. Ed. Literature	3			
		<hr/> 15			<hr/> 15

TOTAL CREDITS 127

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

* 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 EET Mechatronics concentration will automatically satisfy a minor in Mechanical Engineering Technology.

The minor courses may be selected from the following: MET370, MET415, MET426, MET427, MET431, MET445.

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