

Electrical Engineering Technology (EET), B.S.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
Freshman		
Fall		
TECH 1037	Introduction to Circuits	3
MATH 1140	Precalculus	4
UNIFI/General Education or University Electives		9
Hours		16
Spring		
TECH 1039	Circuits and Systems	3
MATH 1150	Calculus for Technology	4
UNIFI/General Education or University Electives		8
Hours		15
Sophomore		
Fall		
TECH 2038	Introduction to Electrical Power and Machinery	3
TECH 2041	Introduction to Analog Electronics	3
TECH 2042	Introduction to Digital Electronics	3
PHYSICS 1511	General Physics I	4
CS 1160	C/C++ Programming	3
Hours		16
Spring		
TECH 3152	Advanced Analog Electronics	3
TECH 3156	Advanced Digital Electronics	3
TECH 3166/5166	Advanced Electrical Power Systems	3
PHYSICS 1512	General Physics II	4
UNIFI/General Education or University Electives		3
Hours		16
Junior		
Fall		
TECH 3129/5129	Linear Control Systems	3
TECH 3157/5157	Microcontroller Applications	3
STAT 1772	Introduction to Statistical Methods	3
ENGLISH 3772/5772	Technical Writing for Engineering Technologists	3
UNIFI/General Education or University Electives		5
Hours		17
Spring		
TECH 3160/5160	Computer-Aided Instrumentation and Interfacing	3
TECH 3164	Programmable Logic Controllers (PLCs)	3

UNIFI/General Education or University Electives		9
Hours		15
Senior		
Fall		
TECH 4103/5103	Electronic Communications	3
TECH 4165/5165	Wireless Communication Networks	3
UNIFI/General Education or University Electives		9
Hours		15
Spring		
TECH 4104/5104	Applied Digital Signal Processing	3
TECH 4167/5167	Power Electronics Applications	3
TECH 4220	Senior Design	3
UNIFI/General Education or University Electives		7
Hours		16
Total Hours		126