

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		
UNIFI/General Education or University Electives		6
MATH 1140	Precalculus	4
ENGR 1000	Introduction to Engineering & Professional Practice	3
TECH 1037	Introduction to Circuits	3
Hours		16
Spring		
UNIFI/General Education or University Electives		9
MATH 1150	Calculus for Technology	4
TECH 1039	Circuits and Systems	3
Hours		16
Sophomore		
Fall		
UNIFI/General Education or University Electives		3
CS 1160	C/C++ Programming	3
TECH 2051	Analog Electronics	4
TECH 2053	Digital Electronics	4
Hours		14
Spring		
UNIFI/General Education or University Electives		3
PHYSICS 1511	General Physics I	4
PHIL 1560	Science, Technology, and Ethics (STE)	3
TECH 2055	Electrical Power Systems & Machinery	4
Hours		14
Junior		
Fall		
UNIFI/General Education or University Electives		6
STAT 1772	Introduction to Statistical Methods	3
TECH 3129/5129	Linear Control Systems	3
TECH 3157/5157	Microcontroller Applications	3
Hours		15
Spring		
TECH 3160/5160	Computer-Aided Instrumentation and Interfacing	3
TECH 3164	Programmable Logic Controllers (PLCs)	3
ENGLISH 3772/5772	Technical Writing for Engineering Technologists	3
UNIFI/General Education or University Electives		6
Hours		15

Senior

Fall

UNIFI/General Education or University Electives		9
TECH 4103/5103	Electronic Communications	3
TECH 4165/5165	Wireless Communication Networks	3
Hours		15

Spring

UNIFI/General Education or University Electives		6
TECH 4104/5104	Applied Digital Signal Processing	3
TECH 4167/5167	Power Electronics Applications	3
ENGR 4500	Senior Design	3
Hours		15
Total Hours		120