

Electrical Engineering Technology Major

Code	Title	Credits
Supporting Courses		20
ET 101	Fundamentals of Engineering Technology	
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
PHYSICS 103 or PHYSICS 201	Fundamentals of Physics I (Algebra or calculus based equivalent) Principles of Physics I	
PHYSICS 104 or PHYSICS 202	Fundamentals of Physics II (Algebra or calculus based equivalent) Principles of Physics II	
Fundamentals Group Courses		29
ET 105	Fundamentals of Drawing	
ET 130	Basic Electrical Circuits I	
ET 131	Basic Electrical Circuits II	
ET 142	Introduction to Programming	
ET 150	Codes, Safety, and Standards	
ET 232	Semiconductor Devices	
ET 233	Linear Circuits	
ET 240	Micro-controllers and Programmable Logic Controllers	
ET 250	Signals and Systems	
Advanced Study Group Courses:		31
ET 311	Digital Electronics	
ET 324	Motors and Drives	
ET 340	Advanced Programmable Logic Controllers	
ET 342	Supervisory Control and Data Acquisition	
ET 344	Industrial Electronics and Control	
ET 346	Electrical Power Systems	
ET 348	Electromagnetic Fields and Applications	
ET 350	Data Communication and Protocols	
ET 360	Project Management	
MATH 320	Linear Algebra and Matrix Theory	
Choose one of these:		
ET 400 or ET 410	Co-op/Internship in Engineering Technology Capstone Project	
Total Credits		80