

Nashville State Community College
Electrical Engineering Technology
A.A.S. Degree

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters will be required if prerequisite courses, including Learning Support courses, must be completed. Prior to registering each semester, the student is expected to consult with his/her advisor

NAME: _____ **A#** _____ **CATALOG YR. 2024-2025**

FIRST YEAR – FALL SEMESTER					NOTES
Course No. and Title	Credit	Term	Grade	Prerequisite	
EETC 1300 Intro to Electrical Engr Tech	3			None	
EETC 1313 DC Circuits	3			None	
EETC 1314 AC Circuits	3			EETC 1313	
ENGL 1010 English Composition I	3			Level 2 or Level 1 placement in English with co-enrolled ENGL 0815	
MATH 1630 Finite Mathematics or MATH 1530 Introductory Statistics	3			Level 2 placement in Math or with MATH 0845 or MATH 0835	
NSCC 1010 First Year Experience	1				
Total Credit Hours	16				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
ECON 2100 Principles of Macroeconomics	3			Level 2 placement in English, Reading, and Math	
EETC 1321 Electronics I	3			EETC 1314	
EETC 1322 Electronics II	3			EETC 1321	
EETC 2380 Electrical Code	3			EETC 1314	
COMM 2025 Fundamentals of Communication or COMM 2045 Public Speaking	3			ENGL 1010	
Total Credit Hours	15				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
EETC 1331 Digital Fundamentals	3			None	
EETC 2333 Industrial Electronic Controls	3			EETC 1314	
ENST 1311 Computer Aided Design I or CADD 1200 AutoCAD Fundamentals	3			None	
ENST 2361 Fluid Power Systems	3			None	
PSCI 1030 Survey of Physical Science or PSCI 1010 Survey of Physical Science I	4			Level 2 placement in Math and Reading	
Total Credit Hours	16				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
EETC 1370 Transformers/Rotating Machines	3			EETC 1314	
EETC 2190 Capstone	1			EETC 1314, EETC 1322, EETC 1331, and EETC 2333	
EETC 2331 PLC I	3			EETC 1331 or IPCT 1330	
EETC 2332 PLC II	3			EETC 2331	
EETC 2361 Instrumentation Technology	3			EETC 1322	
Humanities/Fine Arts Elective	3				See catalog for approved electives for Humanities/Fine Arts.
Total Credit Hours	16				
Total Degree Credit Hours	63				