

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

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. 2016-2017**

FIRST YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
NSCC 1010 First Year Experience	1			None	
EETH 1110 Electric Circuits (Fall only)	4			None	
EETH 1115 Electric Circuits Lab (Fall only)	1			Co-requisite: EETH 1110	
ENGL 1010 English Composition I	3			Level 2 placement in English or Level 1 placement in English with concurrent enrollment in ENGL 0815; Reading: Level 2 placement in Reading or concurrent enrollment in READ 0815.	
ENGT 1000 Intro to ENGR Technology	3			None	
MATH 1630 Finite Mathematics	3			Level 2 placement or higher in Math or concurrent enrollment in MATH 0845.	
Total Credit Hours	15				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CAD 1200 Computer-Aided Drafting I	3			None	
EETH 1210 Electronic Circuits (Spring Only)	4			EETH 1110	
EETH 1215 Electronic Circuits Lab (Spring Only)	1			Co-requisite: EETH 1210	
EETH 1400 Digital Electronics (Spring Only)	2			None	
EETH 1405 Digital Electronics Lab (Spring Only)	1			Co-requisite: EETH 1400	
SPCH 1112 Speech or SPCH 1010 Fundamentals of Speech Comm	3			ENGL 1010	
Humanities (MUS 1030 or ART 1030 is recommended)	3			Level 1 placement in English; Level 2 placement in Reading or concurrent enrollment in READ 0815	
Total Credit Hours	17				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CITC 1332 UNIX/Linux Operating System	3			Level 2 placement in English, Math, and Reading	
ECON 2010 Macroeconomics	3			Level 2 placement in English and Reading	
EETH 1220 Transformers /Rotating Machines (Fall Only)	2			EETH 1110	
EETH 1225 Transformers/Rotat. Mach. Lab (Fall Only)	1			Co-requisite: EETH 1220	
EETH 2010 Industrial Electronic Controls (Fall Only)	3			EETH 1110	
EETH 2015 Industrial Elec. Controls Lab (Fall Only)	1			Co-requisite: EETH 2010	
EETH 2240 Instrumentation (Fall Only)	2			EETH 1210	
EETH 2245 Instrumentation Lab (Fall Only)	1			Co-requisite: EETH 2240	
Total Credit Hours	16				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
EETH 2600 Automatic Control Systems (Spring Only)	4			EETH 1110	
EETH 2640 Electrical Code (Spring Only)	4			EETH 1110	
EETH 2800 Electrical Capstone Course (Spring Only)	1			EETH 1110, EETH 1400, EETH 2010	
PSCI 1030 Survey of Physical Science	4			Level 2 placement in Math and Reading	
Technical Elective (EETH 2250 or EETH 2410 is recommended)	3				
Total Credit Hours	16				
Total Degree Credit Hours	64				