

## Nashville State Community College Industrial Electrical Maintenance Technical Certificate

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	
EETH 1100 Electrical Maintenance Orient (Fall only)	4			None	
EETH 1110 Electric Circuits (Fall only)	4			None	
EETH 1115 Electric Circuits Lab (Fall only)	1			Co-requisite: EETH 1110	
<b>Total Credit Hours</b>	<b>9</b>				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
EETH 1200 Electronics for Ind Elec (Spring Only)	1			EETH 1110	
EETH 1400 Digital Electronics (Spring Only)	2			None	
EETH 1405 Digital Electronics Lab (Spring Only)	1			Co-requisite: EETH 1400	
EETH 2410 Hydraulics and Pneumatics (Spring Only)	4			None	
<b>Total Credit Hours</b>	<b>8</b>				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
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	
<b>Total Credit Hours</b>	<b>7</b>				
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	
<b>Total Credit Hours</b>	<b>8</b>				
<b>Total Certificate Credit Hours</b>	<b>32</b>				

All courses will count toward the A.A.S Electrical Concentration in Electrical Engineering Technology. EETH 1200 Electronics for Ind Elec will count as one hour of Technical Elective and EETH 1100 will substitute for ENGT 1000 Intro to Engr Technology. Students planning on completing the A.A.S Electrical Concentration in Electrical Engineering Technology may take EETH 1210 and EETH 1215 in place of EETH 1200.