

ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGY

Code	Title	Credit Hours
EET-1161	Direct Current Circuits	3
EET-1180	Surface Mount Soldering	1
EET-1190	Printed Circuit Layout	2
MET-1100	Technology Orientation	2
PSY-1050	Introduction to Industrial/Organizational Psychology	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
EET-1210	AC Electric Circuits	3
EET-1241	Digital Fundamentals	3
Select one of the following:		3
MATH-1530	College Algebra ¹	
MATH-153H	Honors College Algebra ¹	
One of the following:		4
PHIL-2020	Ethics	
PHIL-202H	Honors Ethics	
Select one of the following:		3
ENG-1020	College Composition II	
ENG-102H	Honors College Composition II	
ENG-2151	Technical Writing	
EET-2112	Industrial Electronics	3
EET-2120	Electronics I	3
EET-2242	C and ASM Programming with Embedded Applications	3
PHYS-1210	College Physics I	4
Select one of the following:		3
MATH-1540	Trigonometry ¹	
MATH-154H	Honors Trigonometry ¹	
EET-2170	Signal Analysis	3
EET-2220	Electronics II	3
EET-2290	Electrical Design Project	2
EET-2500	Instrumentation and Control	3
EET-2520	Programmable Logic Controllers	3
Select one of the following:		3-4
ITNT-2300	Networking Fundamentals	
PHYS-1220	College Physics II ²	

¹ MATH-1580 Precalculus or MATH-1610 Calculus I will be accepted in place of both MATH-1530 College Algebra & MATH-1540 Trigonometry, but an additional 2 credit hours of general electives may be needed to meet degree requirements.

² Required for students to complete the Ohio Guaranteed Transfer Pathway in Electrical Engineering Technology in order to transfer to a four-year program.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics

requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

Related Degrees and Certificates

- Electronic Engineering Technology, Certificate of Proficiency
- Electrical/Electronic Engineering Technology, Associate of Applied Science

Degrees and Certificates

- Electrical/Electronic Engineering Technology with a Concentration in Bio-Medical Engineering, Associate of Applied Science
- Electronic Engineering Technician, Certificate of Proficiency