

# 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	
MATH-153H	Honors College Algebra	
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	
MATH-154H	Honors Trigonometry	
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 <sup>2</sup>	

<sup>1</sup> MATH-1580 Precalculus and MATH-1610 Calculus I or higher will be accepted in place of MATH-1530 College Algebra & MATH-1540 Trigonometry.

<sup>2</sup> Recommended for students planning 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 Technician, 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
- FirstEnergy Power Systems Institute PSI, Associate of Technical Study