

ELECTRONIC ENGINEERING TECHNICIAN, CERTIFICATE OF PROFICIENCY



The Electronic Engineering Technology certificate will provide the student basic knowledge of electrical/electronic theory which can assist in obtaining a credential documenting partial completion in coursework towards an associate degree. The certificate program supports an associate degree that will transfer via 2 + 2 to bachelor degree programs at The University of Akron, Cleveland State University, and others.

Degree: Students may apply credits towards the Associate of Applied Science degree in Electrical/Electronic Engineering Technology.

Program contact: Learn more

This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more here and here about how certificate credits apply to the related degree.

Program Admission Requirements

- High School Diploma/GED
- ENG-0995 Applied College Literacies or appropriate score on English Placement Test.
- MATH-0965 Intermediate Algebra or qualified Math Placement.

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Demonstrate skills supported by knowledge of elementary electronic circuits.

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.

Suggested Semester Sequence

First Semester		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
COMM-1000	Fundamentals of Interpersonal Communication	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Credit Hours		14
Second Semester		Credit Hours
EET-1210	AC Electric Circuits	3
EET-1241	Digital Fundamentals	3
Select one of the following:		3
ENG-1020	College Composition II	
ENG-102H	Honors College Composition II	
ENG-2151	Technical Writing	
Select one of the following:		3
PHIL-2020	Ethics	
PHIL-202H	Honors Ethics	
Select one of the following:		4
MATH-1530	College Algebra	
MATH-153H	Honors College Algebra	
Credit Hours		16
Total Credit Hours		30