

# 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
COMM-1000	Fundamentals of Interpersonal Communication	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	
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-2170	Signal Analysis	3
EET-2242	C and ASM Programming with Embedded Applications	3
One of the following:		3
MATH-1540	Trigonometry	
MATH-154H	Honors Trigonometry	
EET-2220	Electronics II	3
EET-2290	Electrical Design Project	2
EET-2500	Instrumentation and Control	3
ITNT-2300	Networking Fundamentals	3
PHYS-1210	College Physics I	4
Select one of the following:		2-3
EET-2520	Programmable Logic Controllers	
EET-xxxx	EET Elective Course	

<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.

## Electives

Select from the below courses to fulfill elective requirement.

Code	Title	Credit Hours
EET-1100	Introduction to Robotics	2
EET-1150	Basic Robotics with Math	2
EET-1195	Unmanned Aerial Vehicles	3

## 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