Northwest State Community College

ELECTRICAL ENGINEERING TECHNOLOGY

Associate of Applied Science in Electrical Engineering Technology

Electrical Engineering Technology (EET) is a comprehensive electrical technologies program that prepares graduates for employment as skilled technicians, or for pursuit of a Bachelor of Science degree in Engineering Technology. The EET program provides a foundation of electrical and electronics theory and practice applicable to a variety of subject areas including, but not limited to, alternative energy systems, automation and control, and electric drive technology. A focus on laboratory experience gives students the technical hand skill and problem solving insight to employ solutions in the field. The curriculum includes algebra-based courses with emphasis on applied science and engineering. Students in the EET program have opportunity to participate in applied research and testing activities to supplement coursework.

Career Outlook

Demand is growing for technicians in the electrical-related fields in northwest Ohio and across the country who possess diverse technical skills and problem solving acumen. The career outlook for graduates of the EET program is promising, with special opportunities in Alternative Energy and Electric Vehicle manufacturing and product improvement.

STEM and Industrial Technology Division

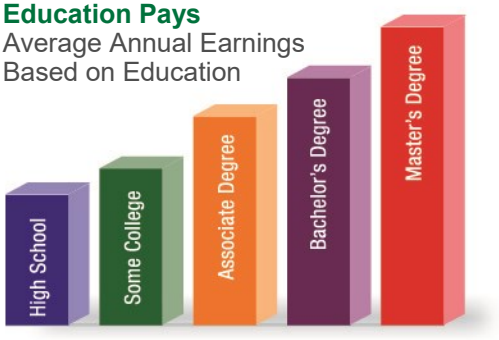
Dan Burklo, M.S.E., Ph.D.
Dean

Questions:
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2019-2020

Education Pays
Average Annual Earnings
Based on Education



Based on data from the Bureau of Labor Statistics

NSCC is accredited by:
The Higher Learning Commission
(312) 263-0456
www.ncahigherlearningcommission.org

PROGRAM SEQUENCE

Northwest State Community College

First Semester		Credits
CAD112	CAD II	4
+EET121	DC Circuits	3
ENG111	Composition I	3
MET100	Introduction to Engineering Technology	2
MTH109	College Algebra	3
		15

Second Semester		Credits
+EET122	AC Circuits	3
+EET221	Digital Electronics	4
ENG210	Technical Communications	3
MTH112	Trigonometry	3
ENG113	Speech	3
		16

Third Semester		Credits
+EET231	Microprocessors	4
+EET272	Networking I	3
+EET277	Industrial Electronics	3
PHY251	Physics: Mechanics & Heat	4
	Social/Behavioral Science Elective	3
		17

Fourth Semester		Credits
+EET240	Engineering Programming	3
+PHY252	Physics: Electricity & Magnetism	4
+PLC200	Programmable Controller I	3
+EET282	Networking II or	
+PLC230	Servo/Robotics Systems or	
+CET115	Project Management	3
	Humanities Elective	3
		16

Total Program Credit Hours **64**

+ Students must attain a minimum grade of “C” in all courses with a ‘+’ to progress in the program and to graduate.

Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.

Updated 6/12/19