

Electrical Engineering Technology



Engineering Technologies Division

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NSCC is accredited by:
The Higher Learning Commission
(312) 263-0456

www.ncahigherlearningcommission.org

Electrical Engineering Technology

Associate of Applied Science

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.

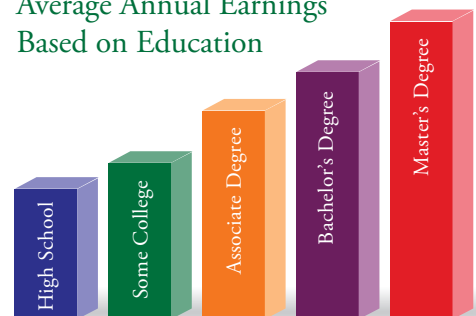
Students in the EET program have opportunity to participate in applied research and testing activities to supplement coursework.

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.

Education Pays

Average Annual Earnings
Based on Education



2011-2012

Based on data from the Bureau of Labor Statistics

Program Sequence

<i>First Semester</i>		<i>Credits</i>
ENG111	Composition I	3
MTH109	College Algebra	3
+ EET121	DC Circuits	3
MET100	Introduction to Engineering Technology	2
CAD111	CAD I	4
		15

<i>Second Semester</i>		<i>Credits</i>
ENG112	Composition II	3
MTH112	Trigonometry	3
+ EET122	AC Circuits	3
+ EET221	Digital Electronics	4
+ EET240	Engineering Programming	3
		16

<i>Third Semester</i>		<i>Credits</i>
PHY251	Physics: Mechanics & Heat	4
+ EET277	Industrial Electronics	3
+ EET272	Cisco Networking	4
	Communications Elective	3
	Social/Behavioral Science Elective	3
		17

<i>Fourth Semester</i>		<i>Credits</i>
+ PLC200	Programmable Controller I	3
PHY252	Physics: Electricity & Magnetism	4
+ EET231	Microprocessors	4
+	Technical Elective	3
	Humanities Elective	3
		17

Total Program Credit Hours **65**

+ 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.

