

This degree is offered on NOC Enid and NOC Tonkawa campuses.

Program Requirements 60 Total Credit Hours					
General Education Courses				Technical Occupational Specialty	
27 Total Credit Hours				15 hours	
English Composition Courses				ELEC 1123	Electrical Motor Controls 3 hours
ENGL 1113	English Composition I	3 hours		ELEC 1253	DC Electronics/Metrology 3 hours
ENGL 1213	English Composition II	3 hours		ELEC 1263	AC Electronics/Photonics 3 hours
History & Government Courses				ELEC 1363	Electronic Devices/ Standards 3 hours
HIST 1483	American History to 1877	3 hours			
or HIST 1493	American History Since 1877			ELEC 2003	Hydraulics 3 hours
POLI 1113	American Government	3 hours			
Mathematics Courses				Wind Energy Emphasis 18 hours	
MATH 1513	Algebra for STEM	3 hours		PTEC 1113	Intro to Process Technology 3 hours
or MATH 1483	Math Functions			PTEC 1313	Safety, Health & Work Practice 3 hours
Science Courses				WIND 1313	Intro to Wind Energy 3 hours
CHEM 1014	Concepts of Chemistry	4 hours		WIND 2313	Wind Turbine & Elec-Mech 3 hours
PHYS 2104	Concepts of Physics	4 hours		WIND 2413	Wind Power Delivery System 3 hours
Computer Science Courses				WIND 2423	Wind Turbine Troubleshooting 3 hours
CMSC 1113	Computer Concepts	3 hours			
or BADM 1113	Digital/Financial Literacy				
Orientation Course					
ORNT 1101	Freshman Orientation	1 hour			

The Electronics Technology degree- Wind Energy Technician is specifically designed to prepare students for a career as a Wind Turbine technician. Students will learn basic concepts, skills and technology for the repair and maintenance of wind turbines utilized for wind power generation.

This suggested curriculum serves Oklahoma and Kansas by providing participants with the knowledge and skills to satisfy entry-level job requirements for the region's and nation's major employers. Hands-on technical skills are augmented with theory and general education classes to position graduates for immediate success.

This degree program is a cooperative program whereby students complete their general education courses, and Wind Energy emphasis coursework, at Northern Oklahoma College and their technical coursework at Pioneer Technology Center in Ponca City, OK.

Career Opportunities: Wind Turbine Electronics Technician, Wind Turbine Repair Technician, Wind Turbine Operator

This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.

Year One

Fall Semester			Spring Semester		
ENGL	1113	English Composition I	ENGL	1223	Technical Writing
MATH	1513	Algebra for STEM	PTEC	1313	Safety, Health & Work Practices
or			CMSC	1113	Computer Concepts
MATH	1483	Math Functions	or		
PHYS	2104	Concepts of Physics	BADM	1113	Digital Financial Literacy
PTEC	1113	Intro to Process Technology	ELEC	1123	Electrical Motor Controls
WIND	1113	Intro to Wind Energy	WIND	2313	Wind Turbine Elec-Mech
ORNT	1101	Freshman Orientation			
Total: 17 credit hours			Total 15 credit hours		

Year Two

Fall Semester			Spring Semester		
HIST	1483	American History to 1877	POLI	1113	American Government
or			ELEC	1363	Electronic Devices/Standards
HIST	1493	American History Since 1877	ELEC	2003	Hydraulics
CHEM	1014	Concepts of Chemistry	WIND	2423	Wind Turbine Troubleshooting
ELEC	1253	DC Electronics/Metrology			
ELEC	1263	AC Electronics/Photonics			
WIND	2413	Wind Power Delivery System			
Total 16 credit hours			Total 12 credit hours		

NOC evaluates students for placement into supplemental/college-level courses or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined by A.C.T. test scores, corresponding A.C.T. challenge tests, holistic placement, or other college approved placement tests. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more supplemental courses for English, Math, Social Science or Nursing. See the NOC testing web page by clicking on the following link: <http://www.noc.edu/act> for placement guidelines.