Engineering and Industrial Technology - Process Technology Option
Associate in Applied Science
Division of Engineering, Physical Science & PTEC

This degree is offered only on NOC Tonkawa campus.

Program Requirements 64 Total Credit Hours

General Education Courses				27 Total Credit Hours
English Composition Courses				
	ENGL	1113	English Composition I	3 hours
or	ENGL	1223	Technical Writing	
	COMM	1713	Intro to Oral Communication	3 hours
History & Government Courses				
	HIST	1483	American History to 1877	3 hours
or	HIST	1493	American History Since 1877	
	POLI	1113	American Government	3 hours
Mathematics Courses				
	MATH	1483	Math Functions	3 hours
or	MATH	1513	Algebra for STEM	
Science Courses				
	CHEM	1014	Concepts in Chemistry	4 hours
*	PHYS	2104	Concepts in Physics	4 hours
Computer Science Courses				
	BADM	1113	Digital/Financial Literacy	3 hours
or	Other approved computer course			
Orientation Course				
	ORNT	1101	Freshman Orientation	1 hour

Program Requirement Courses				37 hours
	BADM	1103	Introduction to Business	3 hours
or	ECON	2123	Microeconomic Principles	
*	CHEM	2014	Process Organic Chemistry	4 hours
*	PRDV	2321	Professional Development	1 hour
*	PTEC	1113	Intro to Process Technology	3 hours
*	PTEC	1124	Process Troubleshooting	4 hours
*	PTEC	1313	Safety, Health & Work Practices	3 hours
*	PTEC	2014	Process Tech I - Equipment	4 hours
*	PTEC	2024	Industrial Instrumentation	4 hours
*	PTEC	2124	Process Tech II - Systems	4 hours
*	PTEC	2214	Process Tech III - Operations	4 hours
*	PTEC	2243	Principles of Quality	3 hours

The Associate of Applied Science Degree program in Process Technology is developed in partnership with the Conoco/Phillips, British Petroleum, Sunoco, Valero, Sinclair, and other petrochemical corporations. It is designed to provide the student with entry level training to become a Process Technician in the petrochemical industry.

Current partners include: Phillips 66 Refining, Pipeline, & R&D, Koch Industries, OG&E, Tessenderlo Kerley Industries, Oklahoma Municipal Power Authority, NRCA Refining

Career Opportunities: Industry, Petrochemical Process Technician, Process Technician, Refinery

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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		
*PHYS	2104	Concepts in Physics	BADM	1113	Digital/Financial Literacy
MATH	1483	Math Functions	HIST	1483	American History to 1877
or			or		
MATH	1513	Algebra for STEM	HIST	1493	American History Since 1877
ORNT	1101	Freshman Orientation	ENGL	1113	English Composition I
PTEC	1113	Introduction to Process Technology	*PTEC	2014	Process Tech I -Equipment
*PTEC	2024	Industrial Instrumentation	*PTEC	1313	Safety, Health & Work Practices
Total: 15 credit hours			Total 16 credit hours		

Year Two

Fall Semester			Spring Semester		
POLI	1113	American Government	*CHEM	2014	Process Organic Chemistry
COMM	1713	Intro to Oral Communication	BADM	1103	Intro to Business
CHEM	1014	Concepts in Chemistry	or		
*PTEC	2124	Process Tech II - Systems	ECON	2123	Microeconomics
*PTEC	2243	Principles of Quality	*PTEC	2214	Process Tech III - Operations
PRDV	2321	Professional Development	*PTEC	1124	Process Troubleshooting
Total 18 credit hours			Total 15 credit hours		

*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

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.