

**Engineering and Industrial Technology - Process Technology Option****PROGRAM REQUIREMENTS**

	Credit Hours
GENERAL EDUCATION .....	27
COMMUNICATIONS	
ENGL 1113 English Composition I.....	3
SPCH 1713 Intro. to Oral Comm. ....	3
HISTORY AND GOVERNMENT	
HIST 1483 American History to 1865 (or)	
HIST 1493 Am. History Since 1865 ...	3
POLI 1113 American Government .....	3
MATHEMATICS	
MATH1133 Technical Math (or)	
MATH 1513 College Algebra .....	3
SCIENCE	
CHEM 1114 Concepts in Chemistry .....	4
PHYS 2104 Concepts in Physics .....	4
ORIENTATION	
ORNT 1101 Freshman Orientation .....	1
GENERAL EDUCATION ELECTIVE	
BSAD 1103 Intro to Business (or)	
ECON 2123 Microeconomic Principles. 3	
PROGRAM REQUIREMENTS.....	37
CS 1113 Computer Concepts .....	3
CHEM 2014 Process Organic Chem .....	4
PTEC 1113 Intro to Process Technology .....	3
PTEC 1313 Safety, Health & Work Pract.....	4
PTEC 2014 Process Tech I-Equipment .....	4
PTEC 2024 Industrial Instrumentation .....	4
PTEC 2124 Process Tech II-Systems .....	4
PTEC 2214 Process Tech III-Operations.....	4
PTEC 1124 Process Troubleshooting.....	4
PTEC 2243 Principles of Quality .....	3
PRDV 2321 Professional Development .....	1
Optional/Electives	
PTEC 2301 Industrial Observation .....	1
ENGL 1223 Technical Writing.....	3
TOTAL CREDIT HOURS .....	64

**PROGRAM REQUIREMENTS**

	Credit Hours
FIRST SEMESTER .....	14
ENGL 1113 English Composition I .....	3
MATH1133 Technical Math (or) MATH 1513	
College Algebra .....	3
ORNT 1101 Freshman Orientation .....	1
PTEC 1113 Intro to Process Technology .....	3
PTEC 2024 Industrial Instrumentation .....	4
SECOND SEMESTER .....	17
PHYS 2104 Concepts in Physics.....	4
CS 1113 Computer Concepts .....	3
HIST 1483 American History to 1865 (or)	
HIST 1493 Am. History Since 1865 .....	3
PTEC 2014 Process Tech I-Equipment .....	4
PTEC 1313 Safety, Health & Work Pract.....	3
THIRD SEMESTER.....	18
CHEM 1114 Concepts in Chemistry .....	4
PRDV Professional Development.....	1
POLI 1113 American Government.....	3
SPCH 1713 Intro. To Oral Communication....	3
PTEC 2243 Principles of Quality .....	3
PTEC 2124 Process Tech II-Systems.....	4
FOURTH SEMESTER.....	15
CHEM 2014 Process Organic Chemistry .....	4
BSAD 1103 Intro to Business (or) ECON 2123	
Microeconomic Principles. ....	3
PTEC 2214 Process Tech III-Operations.....	4
PTEC 1124 Process Troubleshooting.....	4

This is a suggested sequence timeline only.  
A student may require more than four semesters to complete an Associate in Arts degree.

The Associate of Applied Science Degree program in Process Technology was 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,  
and R&D  
Koch Industries  
OG&E  
Tessenderlo Kerley Industries  
Oklahoma Municipal Power  
Authority  
NRCA Refining

**Career Opportunities**

Industry  
Petrochemical Process  
Technician  
Process Technician  
Refinery

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by COMPASS test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, some or all of the following six (6) courses may need to be taken:

- MATH 0003 Pre-Algebra
- MATH 0023 Concepts of Algebra
- MATH 0123 Intermediate Algebra
- ENGL 0123 Basic Composition
- READ 0123 Basic Reading
- BSCI 0123 Intro to Basic Science