

Associate of Applied Science: Process Technology This program is designed to prepare students for entry-level employment as process technicians. A process technician is a key member of a team of people responsible for planning, analyzing and controlling the production of products from the acquisition of raw materials through the production and distribution of products to customers in a variety of process industries. These industries include, but are not limited to: chemical, food and beverage, gas and oil exploration and production, pharmaceuticals, power generation, pulp and paper, refining and wastewater treatment.

Students must demonstrate college-level proficiency in reading, writing and mathematics as prerequisites for courses in this program. Skills in these areas may affect the sequence of courses in which students can enroll and may also extend the time required to complete this program. For more details see the Academic Placement and Testing section.

Please see your advisor for a recommended sequence of courses.

The Process Technology degree is offered at Rifle. For more information see the Course Description section.

General Education Requirements (18 credits minimum)

_____	🔒 CHE 101 Introduction to Chemistry	5
_____	🔒 ENG 121 English Composition I	3
_____	MAT 107 Career Math	3
	<i>OR</i>	
_____	🔒 MAT 121 College Algebra	(4)
_____	🔒 PHY 105 Conceptual Physics	4
_____	* COM 115 Public Speaking	3
	<i>OR</i>	
_____	* COM 125 Interpersonal Communication	(3)
		18-19

Program Requirements (45 credits)

_____	* CIS 118 Introduction to PC Applications	3
	<i>OR</i>	
_____	Advised Elective	(3)
_____	PRO 100 Introduction to Process Technology	4
_____	PRO 110 Safety, Health and Environment	3
_____	PRO 120 Process Technology I: Equipment	4
_____	PRO 125 Process Technology I: Equipment II	4
_____	PRO 130 Instrumentation I	3
_____	PRO 131 Instrumentation II	3
_____	PRO 210 Process Technology II: Systems	4
_____	PRO 220 Process Technology III: Operations	4
_____	PRO 230 Quality in Process Technology	3
_____	PRO 240 Process Troubleshooting	4
_____	Advised Electives	6
		45

Minimum Credits Required 63-64
Minimum Contact Hours Required 1260

Certificate: Petroleum Technology The Petroleum Technology program will prepare students for technical competencies for entry level employment opportunities in the emerging and expanding oil and natural gas drilling, gathering, and field operations industry.

Students must demonstrate acceptable proficiency levels in reading, writing and mathematics as prerequisites for courses within this program. Skills in these areas may affect the sequence of courses in which students can enroll and may also extend the time required to complete this program. For more details see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Petroleum Technology. Please see your advisor for a recommended sequence of courses.

The Petroleum Technology Certificate of Occupational Proficiency is offered at Rifle. See the section on Courses for more information.

_____	PRO 110 Safety, Health and Environment	3
_____	PRO 250 Oil and Gas Production I	3
_____	PRO 255 Oil and Gas Production II	3
	Minimum Credits Required:	9
	Minimum Contact Hours Required:	180

Certificate: Safety in Process Technology

_____	OSH 146 Hazardous Materials	2
_____	OSH 240 Workplace Monitoring: Instrumentation and Calibration	4
_____	PRO 100 Introduction to Process Technology	4
_____	PRO 110 Safety, Health & Environment	3
_____	PRO 230 Quality Concepts for Industries	3

Minimum Credits Required 16
Minimum Contact Hours Required 285