

Lackawanna College

PETROLEUM & NATURAL GAS TECHNOLOGY

(Available Tunkhannock Center)

ASSOCIATE IN SCIENCE DEGREE REQUIREMENTS

EFFECTIVE DATE: FALL 2022-2023

NAME _____

Academic advisors help students coordinate their academic plans while at Lackawanna College; however, students bear the ultimate responsibility for insuring that they meet the requirements for their degree.

	Required		Enrolled		Required		Enrolled
	Yes	No			Yes	No	
DEV 010 Basic Writing Skills	___	___	_____	ENG 102 Fundamentals of Writing	___	___	_____
DEV 020 Reading For College	___	___	_____	ENG 103 Critical Reading	___	___	_____
DEV 030 Basic Math Skills	___	___	_____	MAT 110 Intro to Algebra	___	___	_____

Semester Grade
Taken Earned First Semester (13 credits)

____ PNG 105 Intro to Petroleum/NG Technology
 ____ PHY 150 Physical Science for Petroleum/NG
 ____ MAT 150 Math for Petroleum/NG
 ____ PNG 175 Compression Mechanics I*
 ____ COL 101 Freshman Experience (1 cr.)

Semester Grade
Taken Earned Second Semester (15 credits)

____ PNG 125 Industrial Safety/OSHA Regs
 ____ PNG 145 Field Handling, Proc., Pipelining
 ____ PNG 290 Precision Measurement*
 ____ PNG 170 Intro to Engines NG
OR
 ____ PNG 185 Engine Mechanics I*
 ____ PNG 210 Electronics

SUMMER

____ PNG 200 PNG Internship (160 hours internship/coop. study with industry) 3 cr.

Semester Grade
Taken Earned Third Semester (15 credits)

____ PNG 135 Production
 ____ PNG 205 Instrumentation, Measure, Controls (4 cr.)
 ____ PNG 215 Pneumatics/ Hydraulics
 ____ PNG Elective (200 level) _____
 ____ ENG 105 College Writing
OR
 ____ ENG 115 Business Communications

Semester Grade
Taken Earned Fourth Semester (16 credits)

____ PNG Elective (200 level) _____
 ____ PHL 150 Ethics, Leadership & Regulations
 ____ CIS 210 Spreadsheets for Business
 ____ COM 125 Effective Speaking
 ____ Social Science Elective _____
 ____ PNG 201 Capstone (1 cr.)

Social Science Elective: PAD 105; any non-required psychology, sociology, criminal justice, education, or history listing

*Course not available online

200 LEVEL PNG ELECTIVE OPTIONS ARE LISTED ON BACK OF CURRICULUM GUIDE

200 LEVEL PNG ELECTIVES

PNG 220 – Well Completions, Workover & Service

PNG 235 – Measurement & Testing I

PNG 245 – Drilling and Completions Technology

PNG 255 – Measurement & Testing II

PNG 260 – Production Communications Systems

PNG 275 – Compressor Mechanics II*

PNG 280 – Field Operations*

PNG 285 – Engines Mechanics II*

*Course not available online