

Lackawanna College

PETROLEUM & NATURAL GAS TECHNOLOGY (Available School of PNG)

ASSOCIATE IN SCIENCE DEGREE REQUIREMENTS

EFFECTIVE DATE: FALL 2015

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.

Additional Requirement:

This course must be successfully completed before a student may enroll in ENG 105/ENG 115

	<u>Required</u>	<u>Enrolled</u>
	Yes No	

ENG 102 Fundamentals of Writing ___ ___ _____

Semester	Grade	
<u>Taken</u>	<u>Earned</u>	<u>First Semester</u>

_____	_____	CIS 105/CIS 115 Intro Comp Apps/Comp Apps II
_____	_____	PHY 150 Physical Science for Petroleum/NG (4 cr)
_____	_____	MAT 120 College Algebra*
		OR
_____	_____	MAT 150 Math for Petroleum/NG*
_____	_____	PNG 105 Intro to Petroleum/NG Technology
_____	_____	COL 101 Freshman Experience (1 cr.)

Semester	Grade	
<u>Taken</u>	<u>Earned</u>	<u>Second Semester</u>

_____	_____	CIS 210 Computerized Spreadsheets
_____	_____	PNG 125 Industrial Safety/OSHA Regs.
_____	_____	PNG 130 PNG Handling & Processing
_____	_____	PNG 135 PNG Production
_____	_____	ENG 105 College Writing*
		OR
_____	_____	ENG 115 Business Communications*

SUMMER

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

Semester	Grade	
<u>Taken</u>	<u>Earned</u>	<u>Third Semester</u>

_____	_____	COM 125 Effective Speaking
_____	_____	PNG 210 Electronics
_____	_____	PNG 220 PNG Well Comp., Workovers/Service
_____	_____	PNG 230 Compression & Pipelining
_____	_____	Social Science Elective _____

Semester	Grade	
<u>Taken</u>	<u>Earned</u>	<u>Fourth Semester</u>

_____	_____	PNG 225 Instr, Measure, Control (4 cr.)
_____	_____	PHL 150 Ethics, Leadership & Regulations
_____	_____	PNG 215 Elect/Pneumatic Process Control Syst
_____	_____	PNG 245 Drilling/Completion Technology
_____	_____	PNG Elective _____
_____	_____	COL 201 Capstone Seminar (1 cr.)

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

PNG Elective: PNG 140, PNG 150, PNG 260, ECL 135, ESC 150; Petroleum Geology, Petroleum Engineering, Geophysics approved by director

PETROLEUM AND NATURAL GAS TECHNOLOGY

ASSOCIATE IN SCIENCE DEGREE

PORTFOLIO REQUIREMENTS

CAREER DOCUMENTS

_____ Current Resume

_____ Letter of recommendation

CORE COURSEWORK

_____ ENG 105 - College Writing - Research Paper

OR

_____ ENG 115 - Business Communications - designated project

MAJOR COURSEWORK (3 samples - graded papers or projects)

_____ PNG 125 - Industrial Safety - designated project

_____ PNG 200 - Internship - summary report

_____ Graded PNG coursework sample from one of the following courses:

 PNG 220 - PNG Completions, Workovers, and Well Service

 PNG 225 - PNG Instrumentation, Measurement, and Control

 PNG 245 - Drilling and Completion Technology

_____ **LACKAWANNA REFLECTION PAPER**