

Lackawanna College

NATURAL GAS COMPRESSION 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	___	___

<u>Semester Taken</u>	<u>Grade Earned</u>	<u>First Semester</u>	<u>Semester Taken</u>	<u>Grade Earned</u>	<u>Second Semester</u>
_____	_____	CIS 105/CIS 115 Intro Comp Apps/Comp Apps II	_____	_____	PNG 125 Industrial Safety/OSHA Regs
_____	_____	PHY 150 Physical Science for Petroleum/NG (4 cr)	_____	_____	PNG 130 PNG Handling & Processing
_____	_____	MAT 120 College Algebra*	_____	_____	PNG 140 NG Compression Tech I/Lab (4 cr.)
		OR	_____	_____	CIS 210 Computerized Spreadsheets
_____	_____	MAT 150 Math for Petroleum/NG*	_____	_____	ENG 105 College Writing*
_____	_____	PNG 105 Intro to Petroleum/NG Technology	_____	_____	OR
_____	_____	COL 101 Freshman Experience (1 cr.)	_____	_____	ENG 115 Business Communications*

SUMMER

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

<u>Semester Taken</u>	<u>Grade Earned</u>	<u>Third Semester</u>	<u>Semester Taken</u>	<u>Grade Earned</u>	<u>Fourth Semester</u>
_____	_____	COM 125 Effective Speaking	_____	_____	PNG 225 Instr, Measure, Control (4 cr.)
_____	_____	PNG 210 Electronics	_____	_____	PHL 150 Ethics, Leadership & Regulations
_____	_____	PNG 240 NG Comp Tech II&Pipelining/Lab (4 cr.)	_____	_____	PNG 215 Elect/Pneumatic Process Control Syst
_____	_____	PNG 150 NG Engine Mechanics I	_____	_____	PNG 250 NG Engine Mechanics II
_____	_____	Social Science Elective _____	_____	_____	NGCT Elective _____
			_____	_____	COL 201 Capstone Seminar (1 cr.)

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

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

03/15

NATURAL GAS COMPRESSION 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 250 - NG Engine Mechanics II

 PNG 225 - PNG Instrumentation, Measurement, and Control

 PNG 240 - NG Compression Technology II

_____ **LACKAWANNA REFLECTION PAPER**