

# Lackawanna College

## PETROLEUM & NATURAL GAS TECHNOLOGY

(Available School of PNG)

ASSOCIATE IN SCIENCE DEGREE REQUIREMENTS

ACADEMIC YEAR 2020-2021

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.

### Developmental/Additional Requirements:

Based on assessment testing results, students are placed in appropriate level courses (developmental or college level). Students without SAT / ACT / in-house assessment scores will be scheduled for three developmental courses (Reading for College, Basic Writing Skills, and Basic Math Skills). These courses must be successfully completed before a student may enroll in required English / math courses.

|                              | <u>Required</u> |     | <u>Enrolled</u> |                                 | <u>Required</u> |     | <u>Enrolled</u> |
|------------------------------|-----------------|-----|-----------------|---------------------------------|-----------------|-----|-----------------|
|                              | 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  |
| _____     | _____ | PNG 160 Intro to Compression NG           |
| <b>OR</b> |       |   |
| _____     | _____ | PNG 175 Compressor Mechanics I            |
| _____     | _____ | PHY 150 Physical Science for Petroleum/NG |
| _____     | _____ | MAT 150 Math for Petroleum/NG             |
| _____     | _____ | 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 135 PNG Production                   |
| _____     | _____ | PNG 170 Intro to Engines NG I            |
| <b>OR</b> |       |  |
| _____     | _____ | PNG 185 Engine Mechanics I               |
| _____     | _____ | PNG 210 Electronics                      |

### SUMMER (3 Credits)

|       |       |   |
|-------|-------|---|
| _____ | _____ | PNG 200 PNG Internship (160 hours internship/coop. study with industry) |
|-------|-------|---|

### Semester Grade Taken Earned Third Semester (15 Credits)

|           |       |  |
|-----------|-------|--|
| _____     | _____ | COM 125 Effective Speaking                 |
| _____     | _____ | PNG 205 Instrumentation, Measure, Controls |
| _____     | _____ | PNG 235 Measurement I                      |
| _____     | _____ | PNG Elective (200 level) _____             |
| _____     | _____ | ENG 105 College Writing                    |
| <b>OR</b> |       |  |
| _____     | _____ | ENG 115 Business Communications*           |

### Semester Grade Taken Earned Fourth Semester (16 Credits)

|       |       |   |
|-------|-------|---|
| _____ | _____ | PHL 150 Ethics, Leadership & Regulations  |
| _____ | _____ | PNG 220 PNG Well Comp., Workovers/Service |
| _____ | _____ | CIS 210 Computerized Spreadsheets         |
| _____ | _____ | Social Science Elective _____             |
| _____ | _____ | PNG Elective (200 level) _____            |
| _____ | _____ | PNG 201 Capstone Seminar (1 cr.)          |

PNG Elective: PNG 215, PNG 240\*, PNG 245, PNG 255, PNG 260, PNG 275\*, PNG 285\*

\*Not available online

**Social Science Elective:** Any non-required psychology, sociology, criminal justice, education, human services, or history listing