

## Petroleum Technology (AS) – Curriculum Guide

Student Name: \_\_\_\_\_

PS# \_\_\_\_\_

### GENERAL EDUCATION REQUIREMENTS

- ENG 0101 English Composition I (3)
- ENG 0102 English Composition II (3)
- MATH 0098 Algebra II *OR* MATH 0110 Fundamentals of Mathematics *OR* MATH 0132 Pre-Calculus (3)
- CHEM 0101 General Chemistry I with lab (4)
- GEOL 0101 Physical Geology (4)
- PHYS 0103 Concepts of Modern Physics (3)
- PHYS 0203 Foundations of Physics I Lab (1)

### **HUMAN EXPERIENCE ELECTIVES**

(Choose 6 credits from two of the following three General Education areas):

Arts and Letters; Behavioral, Economic, and Political Sciences;  
History, Cultures, and Philosophical Inquiry

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### REQUIRED MAJOR COURSES

- GEOL 0109 Concepts of GIS (3)
- PET 0101 Introduction to Petroleum Industry (3)
- PET 0102 Environment and Safety (3)
- PET 0103 Introduction to Petroleum Geology & Geophysics (3)
- PET 0108 Well Control (3)
- PET 0110 Mud Logging\* (3)
- PET 0201 Petroleum & Natural Gas Chemistry (3)
- PET 0203 Natural Gas Processing (3)
- PET 0204 Well Log Interpretation (3)
- PET 0206 Drilling and Completion (3)
- PET 0207 Black Shale of the Appalachian Basin (3)
- PET 0208 Enhanced Hydrocarbon Recovery (3)
- PET 0209 Introduction SCADA (3)

### **TOTAL 66 CREDITS**

*\*Students are required to cover the registration fee for the "Well Control Certificate" in lieu of textbook.*

#### **According to your Degree Progress Report in MY.PITT.EDU upon successful completion of the current term:**

You will have EARNED \_\_\_\_\_ credit hours

You NEED \_\_\_\_\_ for 66 credit hours required for graduation.

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion. Official degree completion information can be found in **MY.PITT.EDU**. Contact your Faculty Advisor and/or the Registrar's Office with questions or concerns.

ASSOCIATE OF SCIENCE IN PETROLEUM TECHNOLOGY

(Suggested 2 Year Plan)

FIRST YEAR, 1ST TERM	CREDITS	FIRST YEAR, 2ND TERM	CREDITS
ENG 0101 English Composition I	3	CHEM 0101 General Chemistry w/lab	4
PET 0101 Introduction to Petroleum Industry	3	ENG 0102 English Composition II	3
PET 0102 Environmental & Safety	3	PET 0103 Introduction to Petroleum Geology & Geophysics	3
MATH 0098 Algebra II <b>OR</b> MATH 0110 Fundamentals of Mathematics <b>OR</b> MATH 0132 Pre-Calculus	3	PET 0110 Mud Logging	3
GEOL 0101 Physical Geology	4	PHYS 0103 Concepts of Modern Physics	3
<b>Total Credits Per Term</b>	<b>16</b>	<b>Total Credits Per Term</b>	<b>16</b>
		<b>Total Credits Per Academic Year</b>	<b>32</b>

SECOND YEAR, 1ST TERM	CREDITS	SECOND YEAR, 2ND TERM	CREDITS
GEOL 0109 Concepts of GIS	3	PET 0108* Well Control	3
PET 0201 Petroleum & Natural Gas	3	PET 0207 Black Shale of the Appalachian Basin	3
PET 0203 Natural Gas Processing	3	PET 0208 Enhanced Recovery	3
PET 0204 Well Log Interpretation	3	PET 0209 Introduction to SCADA	3
PET 0206 Drilling & Completion	3	General Education Elective	3
PHYS 0204 Foundations of Physics Lab	1	General Education Elective	3
<b>Total Credits Per Term</b>	<b>16</b>	<b>Total Credits Per Term</b>	<b>18</b>
		<b>Total Credits Per Academic Year</b>	<b>34</b>
		<b>Total Credits Required for Degree</b>	<b>66</b>

\* Students are required to cover the registration fee for the "Well Control Certificate" in lieu of textbook.

Please note that this is a potential plan for completing your degree within two years. The order of classes does not necessarily need to be followed exactly as written; however failure to do so could postpone your graduation. Be sure to check the Academic Catalog for pre-requisites. Make sure to discuss grade requirements and course offerings each semester with your Faculty Advisor prior to registering for the upcoming term. Consult your Degree Progress Report in <http://my.pitt.edu> for an official record of your degree standing.