

Course Outcome Guide (COG)

Course: PTLO 101	Introduction to the Petroleum Industry	Credits: 2	Instructor:		
Course Description:	An introduction to the various aspects of petroleum industry including equipment, systems, instrumentation, operations, and the various scientific principles. Addresses a variety of petroleum technologies: exploration, drilling, production, transportation, marketing, and chemical processing industries				
Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
<ul style="list-style-type: none"> • What is petroleum • Petroleum Geology • Exploration • Production • Marketing 	<ul style="list-style-type: none"> • Know the concepts of exploration, production, refining, marketing and transportation as related to the petroleum industry • Examine the terms and phrases associated with the petroleum industry • Practice working as a team to solve problems 	<ol style="list-style-type: none"> 1. Practical exams requiring the student to identify different equipment 2. Written paper explaining the exploration process 3. Multiple choice exams 4. Group participation with various equipment. 	<ol style="list-style-type: none"> 1. Identify and describe equipment and systems used by the oil & gas production technician 2. Describe the terms and phrases associated with the production technician 3. Develop skills associated with operating various equipment in the oil & gas industry 	Basic knowledge and skills required as a production technician in the petroleum industry	