Petroleum Industry - Exploration, Recovery, and Transportation

Duration: 120 mins  Level: Entry  Pass mark: 80%

Course Description:
This course will give a non-technical explanation of the technical aspects of oil exploration and recovery; but the information in this course is intended for the technical and non-technical person alike. We’ll explore the different operations for exploration and recovery of crude oil and other sources of energy, such as tar sand. We'll also examine the different methods of transportation used to transport varying amounts of oil. This course will also touch upon how the exploration, recovery, and transportation oil affect oil economics, including prices, supply, and demand.

Learning Objectives:
- Identify underlying factors which effect petroleum cost
- Outline factors that keep exploration for petroleum economically viable
- Identify primary exploration techniques
- Identify economic factors effecting decisions in drilling
- List the steps in completion of a well
- List the processes of recovery of crude oil
- Recall various processes used in bitumen recovery
- Explain the necessity of cleaning oil pumped from the ground