Petroleum Industry - Origins and Occurrence of Oil

**Course Description:**
In this course we will discuss the formation of oil and review the theories of its origin. You will get comprehensive information about oil reservoirs including their structure, oil accumulation, as well as distribution, migration and transformation of reservoir fluids. We will cover classification and evaluation of reservoirs and estimation of fuel reserves. We will also review fuel reserves focusing on quality, quantity, patterns, and benefits. Posted by arrangement with John Wiley & Sons, Inc. Copyright (c) 2011. All rights reserved.

**Learning Objectives:**

- Identify the theories of oil’s origin
- Recognize reservoir attributes in order to select the best sources for a population’s fuel needs
- Describe reservoir classification and how it aids in planning extraction for current and future fulfillment of a nation’s energy requirements
- Discuss reservoir evaluation to make proper decisions to meet human comfort needs and desires for no harm to the planet
- Explain estimation of reserves in place to plan for current energy necessities and potential economic and political changes worldwide