**Basic Principles of Oil and Gas**

**Corporate College Seminar Series**

**Lone Star College Energy & Manufacturing Institute**

Date: July 15-17

Presented by: Lone Star Corporate

Format: Instructor led training and field trip to a rig (Ocean Star Museum) Monday through Wednesday 8:00 a.m. – 5:00 p.m.

Course: PTRTC 1109100

Classroom: Lone Star College-University Park

Location: 20515 State Highway 249 (@ Louetta Rd.)

Houston, TX 77070

Description: This course is designed for those who need a basic understanding of the Oil & Gas upstream (Exploration & Production) to perform their jobs, including:

- Technical/business professionals new to the petroleum industry or experienced in one area
- Investors/financial professionals with a need to better understand the petroleum industry.
- All levels of petroleum industry support staff

Students will learn the basics of upstream activities, as well as how hydrocarbon deposits are formed, explored, and produced.

Objectives: Topics will include:

- History of Oil & Gas
- Oil & Gas Geology
- Exploration for Oil and Gas
- System overview of land & offshore rigs
- Drilling Operations Basics
- Unconventional Oil & Gas
- Completion and Workover
- Production of Oil and Gas

Total Hours: 24 hours  Total Cost: $599.00

Includes a textbook “Non-technical Guide to Petroleum Geology, Exploration, Drilling & Production”

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Second day of class will be held at the Ocean Star Drilling Rig Museum and Education Center, where student will experience the drilling industry first-hand on an actual retired jack – up drilling rig.