

International Petroleum Business

Course Content:

Module #1

- Introduction for Origin and Nature of Petroleum
- Oil & Gas Industry Overview
- Exploration Methods & Activities
- Evaluations & Reservoir Management
- Drilling Operations Overview
- Types of Wells
- Volumetric Calculations – Original Oil & Gas in-Place
- Reservoir Depletion Mechanisms & Declining Curve Analyses
- *Case Study:* Oil Reserves Estimation

Module #2

- Unconventional Oil & Gas
- Oil Recovery Methods
- Enhanced Oil Recovery Techniques
- Reservoir Management – Maximize Ultimate Recovery of Oil
- Oil & Gas Fields R&D
- *Petroleum Economics Analysis:*
 - ✓ Net Present Value
 - ✓ Profitability Index
 - ✓ Economic Limit
- *Case Study:* Oil and gas field development economic study

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Module #3

- **Contracts Types & Joint Ventures**
- **Oil & Gas Contracts**
- **Concession Agreements**
- **Production Sharing Agreement / Contract (PSA/PSC)**
- **Technical Service Contract/Agreement (TSA)**
- **Joint Venture and Service Agreements**
- **Comparison of Fiscal Regimes Types**
- **Accounting Aspects of Fiscal Systems**
- **Division of Revenues and Profits**
- **Rentals Concessions**

Module #4

- **Crude And Product Quality**
- **Crude Oil Refining Operations & Fractions**
- **Crude Oil Refinery Products & Processes**
- **Refinery Configurations – Separation, Conversion and Treatment & Refining Complexity**
- **Pipelines – Storage Tanks - Utilities**
- **Treatment & Blending**
- **Refinery Economics & Benefits of Petrochemicals Integrity**
- **Crude Oil and Refining Gross Product Worth (GPW)**
- **Vessel Chartering**
- **Environmental Aspects**

Module #5

- **Organization of Petroleum Exporting Companies (OPEC) and Multi-National Organizations**
- **International Energy Agency (IEA)**

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- **Oil Markets – Crude Pricing Regimes**
- **Transportation Logistics – Pipelines, Terminals and Storage & Crude Oil Tankers**
- **Transportation Logistics – Losses**
- **Crude Oil Pricing Benchmarks & Price Assessment**
- **Total Barrel Economics**
- **Pricing Management Considerations**
- **Course Summary**

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|-------------------|---------------------------|
| Location | Expert Headquarter |
| Start Date | 05 January 2025 |
| End Date | 09 January 2025 |
| Fees | 3000 US\$ |