



Introduction to Onshore Oil and Gas Business

Course Introduction:

This course is designed to provide participants with a foundational understanding of the onshore oil and gas industry, including its operations, economic factors, and regulatory environment. As the demand for energy continues to grow, understanding the intricacies of oil and gas exploration, production, and management is essential for professionals in this field. This five-day course covers key topics such as resource identification, extraction techniques, market dynamics, and environmental considerations, enabling participants to grasp the complete lifecycle of onshore oil and gas projects.

Through interactive discussions and case studies, attendees will explore the various components of the oil and gas business, from initial exploration to production and distribution. By the end of the course, participants will be equipped with the knowledge necessary to navigate the complexities of the onshore oil and gas sector, positioning themselves for success in their respective roles.

Course Objectives:

By the end of the program, participants will be able to:

- Understand the structure and significance of the onshore oil and gas business.
- Explore exploration and production techniques used in the industry.
- Analyze market dynamics and economic factors influencing oil and gas.
- Recognize environmental and regulatory considerations in operations.
- Discuss future trends and innovations shaping the onshore oil and gas sector.

Who Should Attend?

This course is intended for :-

- Engineers and technicians involved in oil and gas operations.
- Business analysts and project managers in the energy sector.
- Environmental and safety professionals focused on oil and gas.
- Investors and stakeholders seeking insights into oil and gas markets.

Course Outline:

Day 1: Overview of the Oil and Gas Industry

- Introduction to the oil and gas sector: history and significance
- Key players in the industry: exploration and production companies
- Overview of the supply chain from exploration to distribution
- Economic impact of the oil and gas industry

Day 2: Exploration and Production Techniques

- Geological and geophysical methods for resource identification
- Drilling techniques and technologies used in onshore operations
- Production processes and technologies (e.g., enhanced oil recovery)
- Asset management in oil and gas production

Day 3: Market Dynamics and Economics

- Understanding global oil and gas markets and price determinants
- Role of OPEC and geopolitical influences on the industry
- Economic evaluation of oil and gas projects (NPV, IRR)
- Risk management strategies in oil and gas investments

Day 4: Environmental and Regulatory Considerations

- Overview of environmental impacts associated with oil and gas operations
- Regulatory framework governing onshore oil and gas activities
- Best practices for environmental management and sustainability
- Community engagement and corporate social responsibility

Day 5: Future Trends and Innovations

- Emerging technologies in the oil and gas sector (e.g., digitalization, automation)
- The transition to renewable energy and its impact on the industry
- Future challenges and opportunities in onshore oil and gas
- Final assessment and discussions on course concepts and applications

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work

Course Fees:

To be advice as per course location. This rate includes participant's manual, Hands-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session