

## FUNDAMENTALS OF OIL & GAS INDUSTRY

*"Gain a comprehensive understanding of the oil and gas sector, its core operations, and industry-specific challenges."*

### Schedule

Date	Venue	Fees (Face-to-Face)
05 - 09 Apr 2026	Manama, Bahrain	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

### Introduction

The oil and gas industry is one of the world's most critical sectors, driving global economic activity and energy production. This 5-day course provides an in-depth introduction to the fundamentals of the oil and gas industry, including exploration, production, refining, and distribution processes. Participants will gain a strong understanding of the industry's structure, key players, regulatory frameworks, and the challenges facing oil and gas professionals today. Whether you're new to the industry or looking to deepen your knowledge, this course will equip you with essential insights to navigate the complex world of oil and gas.

### Objectives

By the end of this course, participants will be able to:

- Understand the lifecycle of oil and gas projects, from exploration to distribution
- Identify key processes, technologies, and industry terminology used in the oil and gas sector
- Analyze the economic and environmental challenges of the oil and gas industry
- Gain knowledge of oil and gas market dynamics and regulatory frameworks
- Develop a foundational understanding of upstream, midstream, and downstream operations

## Why Attend

- Gain essential knowledge about the oil and gas industry and its global significance
- Understand the entire oil and gas value chain and its components
- Learn about the key drivers of oil and gas markets, including economic, political, and environmental factors
- Understand the technical, operational, and financial aspects of the industry
- Network with industry professionals and gain insights from expert instructors

## Target Audience

This program is designed for:

- Professionals new to the oil and gas industry
- Engineers, analysts, and consultants looking to broaden their understanding of the sector
- Project managers and decision-makers involved in oil and gas projects
- Finance professionals, auditors, and risk managers working with the oil and gas sector
- Anyone interested in understanding the fundamentals of oil and gas operations

## Individual Benefits

Key competencies that will be developed include:

- A comprehensive understanding of the oil and gas industry's structure and processes
- Knowledge of key operational and economic factors driving the oil and gas sector
- Familiarity with industry terminology, practices, and technologies
- Enhanced ability to contribute to projects and decisions in the oil and gas sector
- Stronger foundation to pursue a career in oil and gas or related fields

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- A better understanding of the oil and gas industry's complexities and challenges
- Ability to participate more effectively in oil and gas-related projects and initiatives
- Enhanced decision-making capabilities for managing oil and gas operations
- Improved collaboration with other professionals within the industry
- A more informed perspective on industry trends, risks, and opportunities

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Overview of the oil and gas value chain and its key components
- Case Studies - Real-world case studies of oil and gas projects and operations
- Workshops - Hands-on exercises to explore real-world oil and gas challenges
- Peer Exchange - Group discussions and knowledge sharing on industry best practices
- Tools - Practical tools to understand market trends, regulatory frameworks, and operational strategies

## MAWA EVENTS

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## Course Outline

**Training Hours:** 7:30 AM – 3:30 PM **Daily Format:** 3-4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

### Day 1: Introduction to the Oil & Gas Industry

- Module 1: Overview of the Oil & Gas Industry – 07:30-09:30
  - The global significance of the oil and gas industry
  - Key players and stakeholders in the industry
  - Industry trends and challenges
- Module 2: Exploration and Production – 09:45-11:15
  - The upstream sector: exploration, drilling, and production
  - Technologies used in exploration and production
  - Environmental and economic challenges in upstream operations
- Module 3: Oil and Gas Reserves – 11:30-01:00
  - Understanding oil and gas reserves and resources
  - The role of reserves in global energy markets
  - How reserves are discovered, quantified, and managed
- Module 4: Workshop – Exploring an Oil & Gas Project – 02:00-03:30
  - Case study analysis of an oil and gas exploration and production project

### Day 2: Midstream and Downstream Operations

- Module 1: Midstream Operations – 07:30-09:30
  - Understanding the transportation and storage of oil and gas
  - Pipeline systems, shipping, and storage tanks
  - The economics and logistics of midstream operations
- Module 2: Refining and Distribution – 09:45-11:15
  - Overview of the downstream sector: refining, petrochemicals, and distribution
  - Key processes in refining and distribution
  - Market dynamics in the oil and gas downstream sector
- Module 3: Health, Safety, and Environmental Considerations – 11:30-01:00
  - HSE regulations in the oil and gas industry
  - Key health, safety, and environmental issues
  - Environmental sustainability and corporate social responsibility
- Module 4: Workshop – Downstream Operations Case Study – 02:00-03:30
  - Case study analysis of a refining and distribution project

### Day 3: Oil & Gas Markets and Economics

- Module 1: Global Oil and Gas Markets – 07:30-09:30
  - Oil and gas supply and demand dynamics
  - Pricing mechanisms and market forces
  - The role of OPEC and other key players in the market
- Module 2: Economic Factors in Oil and Gas – 09:45-11:15
  - Economic factors impacting oil and gas prices
  - Global geopolitical events and their influence on oil and gas markets
  - Energy policy and its impact on the industry
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**Module 3: The Future of Oil & Gas – 11:30–01:00**

- Industry trends: renewable energy, energy transition, and diversification
- Technological innovations shaping the future of oil and gas
- The future of oil and gas in a changing global economy
- Module 4: Workshop – Market Analysis – 02:00–03:30
- Hands-on exercise in analyzing oil and gas market trends

**Day 4: Industry Regulations and Governance**

- Module 1: Regulatory Framework – 07:30–09:30
- Overview of key regulations affecting the oil and gas industry
- National and international laws governing oil and gas exploration and production
- Compliance requirements for oil and gas companies
- Module 2: Environmental and Social Responsibility – 09:45–11:15
- Environmental protection and sustainability in the oil and gas industry
- Corporate social responsibility (CSR) and its importance
- Managing environmental risks in oil and gas operations
- Module 3: Corporate Governance and Ethics – 11:30–01:00
- Understanding corporate governance in the oil and gas industry
- Ethical considerations and best practices in business operations
- Risk management and compliance frameworks
- Module 4: Workshop – Regulatory and CSR Case Study – 02:00–03:30
- Case study on the impact of regulations and CSR practices on an oil and gas project

**Day 5: Closing the Gap: Oil & Gas Industry Challenges and Opportunities**

- Module 1: Challenges Facing the Industry – 07:30–09:30
- Geopolitical and economic challenges
- Environmental and technological challenges
- The future workforce in oil and gas
- Module 2: Industry Opportunities – 09:45–11:15
- Opportunities for growth and innovation in the oil and gas sector
- Renewable energy integration and diversification strategies
- Technological advancements in exploration and production
- Module 3: Career Opportunities in Oil & Gas – 11:30–01:00
- Career paths and job opportunities in the oil and gas industry
- Building a successful career in oil and gas operations
- Skills required for the future workforce
- Module 4: Workshop – Creating an Oil & Gas Strategy – 02:00–03:30
- Develop a strategic approach to tackle the challenges and seize the opportunities in the oil and gas industry

**Certification**

Participants will receive a Certificate of Completion in Fundamentals of Oil & Gas Industry, validating their understanding of the core operations, processes, and challenges in the oil and gas sector.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

<p><b>In-House / Customized Training</b></p> <p>Interested in running this course for your team?</p> <p>Please contact us:</p>	<p>TEL:</p> <p><b>+601116373203</b></p>	<p>EMAIL:</p> <p><b>info@mawaevents.net</b></p>
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