

## FUNDAMENTALS OF OIL & GAS INDUSTRY - OIL & GAS ESSENTIALS

*“Empowering Non-Technical Professionals with Oil & Gas Insight”*

### Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

### Introduction

This 5-day program provides a comprehensive overview of the oil and gas industry—from exploration to production, refining, transportation, and marketing. It is designed for professionals who require a holistic understanding of the sector’s commercial, operational, and technical aspects. The course emphasizes both upstream and downstream operations, market dynamics, energy economics, and industry terminology.

Participants will gain essential insights into how oil and gas markets operate, the value chain, key technologies, stakeholder roles, pricing mechanisms, and current challenges shaping the global energy landscape.

### Objectives

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

- Understand the full oil and gas value chain: upstream, midstream, and downstream
- Interpret exploration and production processes, including seismic surveys and drilling
- Describe refining and petrochemical operations
- Identify key players, stakeholders, and regulatory frameworks
- Analyze oil pricing, market trends, and supply-demand dynamics
- Understand energy transition, decarbonization, and ESG trends in oil & gas

## Why Attend

- Gain critical foundational knowledge of one of the world's most influential industries
- Improve communication and collaboration with technical and commercial teams
- Understand industry-specific risks, costs, and regulatory concerns
- Stay up-to-date with market drivers, geopolitical influences, and sustainability shifts
- Support informed decisions in projects, investments, or operations involving oil & gas

## Target Audience

This course is ideal for:

- New entrants to the oil & gas sector
- Administrative, legal, HR, finance, and IT staff working with oil & gas clients or companies
- Project managers and engineers in non-energy sectors transitioning to energy
- Bankers, insurers, and consultants servicing the oil & gas industry
- Government officials and policy makers overseeing energy or natural resources

## Individual Benefits

Participants will gain:

- A strong understanding of the sector's commercial and operational logic
- Confidence using oil & gas terminology in professional settings
- Awareness of current global energy developments and challenges
- Networking opportunities with peers across industry roles

## Organizational Benefits

Organizations will benefit from:

- Better informed, cross-functional teams supporting energy-related projects
- Improved alignment between technical, commercial, and support functions
- Reduced onboarding time for new hires in the energy sector
- Enhanced strategic planning and client engagement related to oil & gas

## Instructional Methodology

- Presentations with diagrams and process flows
- Interactive Q&A and facilitator-led discussions
- Case Studies involving real-world examples and recent developments
- Hands-On Workshops for process and terminology mapping
- Group Exercises for simulating decision-making in energy environments

## Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

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

- History and global significance of oil & gas
- Sector segmentation: Upstream, Midstream, Downstream
- Overview of the energy value chain
- Key industry players and organizational roles

### Day 2: Upstream Operations - Exploration and Production

- Geology and seismic surveys
- Drilling methods (onshore/offshore)
- Well completion, reservoir management, production optimization
- Exploration economics and risk management

### Day 3: Midstream & Downstream Operations

- Transportation: pipelines, shipping, storage
- Oil refining: processes, products, and petrochemicals
- LNG value chain and gas processing
- Distribution and marketing

### Day 4: Commercials, Markets & Regulation

- Crude oil benchmarks and pricing (Brent, WTI, OPEC)
- Supply-demand economics, market volatility
- Contracts: PSCs, JOAs, service agreements
- Regulatory frameworks and safety standards

### Day 5: Emerging Trends & Case Studies

- Energy transition: decarbonization, renewables, hydrogen
- ESG in oil & gas: carbon footprint, sustainability, reporting
- Geopolitical risks and market disruptions
- Final group case study and course wrap-up

## Certification

Participants will receive a Certificate of Completion recognizing their comprehensive understanding of the oil and gas industry.

## 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.

### In-House / Customized Training

Interested in running this course for your team?

Please contact us:

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## MAWA EVENTS

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