

## PROJECT MANAGEMENT IN THE OIL & GAS INDUSTRY

““Delivering Complex Projects Safely, On Time, and Within Budget in High-Risk Energy Environments””

### Schedule

Date	Venue	Fees
18 – 20 Nov 2026	Dubai, UAE	USD 2495 per delegate

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

### Introduction

Projects in the oil & gas industry—whether upstream exploration, midstream transport, or downstream refining—are among the most technically demanding and capital-intensive in the world. Managing such projects requires not only mastery of project management disciplines but also an understanding of sector-specific risks, regulations, and stakeholder dynamics.

This 3-day intensive course provides participants with a practical framework to manage oil & gas projects from concept through execution. It combines project management best practices (PMBOK®, AACE, and others) with industry case studies to address scheduling, cost control, risk management, contractor oversight, and health and safety in energy project delivery.

### Objectives

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

- Understand the project lifecycle in oil & gas—from FEED to commissioning
- Apply project planning, scheduling, and budgeting tools in complex environments
- Manage contracts, vendors, and EPCM interfaces effectively
- Control project risks, costs, and timelines under uncertainty
- Ensure regulatory, safety, and stakeholder compliance throughout execution

## Why Attend

- Gain the tools to plan and deliver oil & gas projects efficiently and safely
- Strengthen coordination with engineers, contractors, regulators, and finance teams
- Minimize overruns, change orders, and interface issues
- Ensure projects meet production targets, budget constraints, and safety KPIs
- Learn from global best practices and failure lessons in oil & gas megaprojects

## Target Audience

This program is designed for:

- Project Managers and Engineers in the Oil & Gas Sector
- Construction, Field, and Commissioning Managers
- Contract, Cost, and Procurement Controllers
- Exploration, Drilling, and Refinery Project Team Members
- Any professional involved in energy sector project delivery

## Individual Benefits

Key competencies that will be developed include:

- Integrated project planning, scheduling, and resource allocation
- Cost estimation, change control, and earned value analysis (EVA)
- Contractor management and performance monitoring
- Regulatory and stakeholder management in high-risk environments
- Project risk, HSE, and quality management across project phases

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved project execution discipline and on-time delivery
- Better cost forecasting, contract management, and procurement integration
- Reduced project delays, safety incidents, and non-compliance risks
- Enhanced project governance and visibility for executive oversight
- Stronger capability to manage complexity in capital project portfolios

## Instructional Methodology

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

- Strategy Briefings - Project lifecycle, PM frameworks, and oil & gas applications
- Case Studies - Industry examples of successful and failed project execution
- Workshops - WBS creation, schedule analysis, risk registers, and cost planning
- Peer Exchange - Cross-functional experience sharing
- Tools - Project dashboards, control templates, and checklists

## Course Outline

### DETAILED 3-DAY COURSE OUTLINE

**Training Hours:** 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

#### Day 1: Project Lifecycle, Planning, and Scheduling

- Module 1: Oil & Gas Project Lifecycle and Structures (07:30 – 09:30) • Phases: FEED, detailed engineering, procurement, construction, startup
- Module 2: Project Scope Definition and WBS (09:45 – 11:15) • Work breakdown structures, deliverables, and constraints
- Module 3: Planning and Scheduling Techniques (11:30 – 01:00) • Gantt charts, critical path method (CPM), Primavera/MS Project basics
- Module 4: Workshop – Building a Project Schedule (02:00 – 03:30) • Participants create a schedule for a sample oil & gas project

#### Day 2: Cost, Contracts, and Risk Management

- Module 5: Project Budgeting and Cost Control (07:30 – 09:30) • Cost baselines, forecasting, change orders, and contingencies
- Module 6: Contract Strategy and Vendor Management (09:45 – 11:15) • Lump sum vs reimbursable, EPCM roles, contract risk allocation
- Module 7: Risk Assessment and Response Planning (11:30 – 01:00) • Project risk registers, probability-impact matrix, mitigation strategies
- Module 8: Workshop – Cost Estimation and Risk Matrix (02:00 – 03:30) • Creating risk-adjusted project budgets

#### Day 3: Execution, Monitoring, and Close-Out

- Module 9: Performance Monitoring and EVA (07:30 – 09:30) • Earned Value Analysis, SPI, CPI, variance reporting
- Module 10: HSE and Regulatory Compliance (09:45 – 11:15) • Safety planning, permits, environmental impact, audits
- Module 11: Stakeholder Management and Communication (11:30 – 01:00) • Internal and external stakeholder alignment
- Module 12: Final Case Study – Project Recovery Simulation (02:00 – 03:30) • Troubleshooting an oil & gas project scenario

## Certification

Participants will receive a Certificate of Completion in Project Management in the Oil & Gas Industry, certifying their ability to plan, execute, and control energy sector projects using globally recognized tools and methods.

## Why Choose MAWA Events

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