

Training Title

PROJECT MANAGEMENT FOR THE OIL & GAS INDUSTRY

Training Duration

5 days

Training Venue and Dates

Project Management For The Oil & Gas Industry	5	02nd to 06th November 2025	\$5,500	Cairo, Egypt.
--	----------	---	----------------	----------------------

Trainings will be conducted in any of the 4 or 5 star hotels.

Training Fees

- **5,500 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch.**

Training Certificate

Prolific Consultants FZE Certificate of Course Completion will be issued to all attendees.

COURSE OVERVIEW

COURSE DESCRIPTION

The oil and gas industry operates in a highly intricate environment, facing distinct challenges at every phase of the project life cycle. This Project Management for the Oil and Gas Industry training course provides participants with the advanced skills needed to navigate these challenges, ensuring effective project selection, planning, execution, and completion. Whether overseeing, managing, or leading teams, this course offers practical tools and proven strategies tailored to the industry's specific demands.

Participants will explore industry-specific best practices, from Front End Engineering Design (FEED) to project delivery, through real-world examples and interactive learning. This all-encompassing course is designed to cultivate strategic thinking, improve decision-making, and optimize resource and cost management, ultimately ensuring project success in dynamic conditions.

This Training Course Will Highlight:

***The importance of Front End Design & Survey in an oil and gas context.
Establishing essential requirements to secure project approval.
Evaluating strategic fit and exploring viable options for project delivery.
Integrating and delivering projects successfully within complex environments.
Leading and managing high-performing project teams effectively.***

COURSE OBJECTIVES:

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

- *Engage stakeholders and managing communication needs specific to oil and gas projects.*
- *Maintain consistent performance and delivery control across project phases.*
- *Accurately estimate and allocate costs and resources for optimal project execution.*
- *Manage adverse circumstances by compressing or accelerating schedules as needed.*
- *Develop comprehensive project close-out plans aligned with success criteria.*

SUITABLE FOR:

This training course is ideal for professionals tasked with managing or supporting projects in the industry. It is particularly beneficial for:

- ✓ *Project Management Professionals seeking advanced skills in industry-specific applications.*
- ✓ *Commercial Management Professionals involved in decision-making and strategy.*
- ✓ *Contracts Management Professionals managing project delivery contracts.*
- ✓ *Financial Management Professionals responsible for budget allocation and cost control.*
- ✓ *Business services professionals responsible for planning, scheduling, and cost control*

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course. Very useful Course Materials will be given.

COURSE OUTLINE :-

Day One:

Concepts of Project Management

- *Projects and Programmes*
- *Project Life Cycles and Stage Gates*

Intricacies of Project Approval in the Oil & Gas Industry

- *Project Sanctioning and approval Process. (PSAP) for the Oil & Gas Industry*
- *Development of the Strategic Project Business Case*
- *Project Identification–Awareness of accountability of Project Ideas*
- *Exploration Survey & Drilling*

Project Context in the Oil & Gas Industry

- *Appreciation of macro-environment in relation to project choice*

- *Understand who stakeholders are and how they may impact upon the project*
- *Regulatory framework, institutional factors and infrastructure*

Strategic decision making through the Project Life Cycle

- *Project Feasibility Decision makers*
- *Project Preparation & Planning responsibilities*

Project Leadership Skills

- *Build an executive leadership style that guides the project toward greater performance and profit*
- *Understand the Project Organisation in a typical Oil & Gas project*
- *Project Manager–Unique Requirements*

Day Two:

Project Financing and Financial Modelling for Oil & Gas Projects

- *Project finance: Limited and non-recourse project finance*
- *Structuring project finance deals*
- *Financing/ credit risk considerations for the Oil & Gas project*

Evaluation Mathematics in Project Finance

- *The time value of money – how it applies to project finance*
- *Yields and rate of return - Discounted Cash Flow (DCF) analysis*

Identify Reasons for Project Failures and Successes

- *Understand why some projects fail*
- *Gain an understanding of successful projects and analyse reasons for success*

Starting with the End in Mind

- *Define success criteria and KPI's of an example Oil & Gas project*
- *Capture Project Requirements*
- *Development of the Project Charter*

Project Management Integration

- *Understand the need for a project team approach*
- *Importance of communication in an Oil & Gas project*
- *Project Systems and Processes for procurement, award of contracts, workforce management*

Day Three:

Project Stakeholder Engagement

- *Identify and plan to engage with the project's key stakeholders*
- *Centralised vs. Participatory Monitoring*

Project Reporting Techniques

- *Optimal Project Review Types and Intervals*
- *Control Decision-making*
- *Project Evaluation criteria*

Preparing for Project Decommissioning

- *Decommissioning and rehabilitation considerations*

Stakeholder Management

- *Understand who the key stakeholders are and how they may impact upon the project*
- *Consider implications of unclear needs and expectations*

Preparing for Project Delivery

- *Understand the project success criteria and how the project will be measured as successful*
- *Define the project requirements*
- *Develop the scope – using product and work breakdown structures*

Project Estimating

- *Utilise relevant techniques for project estimating*
- *Understand the associated activities – their relationships and personnel required*

Project Schedule Planning

- *Utilise relevant techniques for project scheduling*
- *Develop a network diagram*
- *Gantt Chart – developing the schedule baseline*

Day Four:

Project Planning: Critical Path and Network Scheduling

- *Developing the precedence Network Diagram with Total and Free Float calculations*
- *Develop a Gantt Chart –the schedule baseline*

Developing Project Budget & Schedule Control

- *Understand how to estimate Cost & Schedule*
- *Prepare to manage or control project costs*

Managing the Project Supply Chain (Crucial in Oil & Gas Projects)

- *Familiarise yourself with different Contract types according to risk distribution*
- *Learn the difference between Fixed Price & Cost-Plus Contracts*

Project Resource Management – Typical Challenges for an Oil & Gas Project

- *Resource Allocation Algorithms for Resource Prioritisation*
- *Planning and Scheduling Limited Resources*

- *Options for accelerating the schedule and how to deliver*

Project Risk and Contingency Analysis

- *Risk Management Process & Model*
- *Identifying Potential Risk Events typical in an Oil & Gas project*
- *Understand qualitative and quantitative analysis techniques*
- *Design appropriate risk response planning strategies*

Selecting and Developing an Oil & Gas Project Team

- *Challenges of an Oil & Gas project team*
- *Learn about different leadership models*
- *Dynamics of Team Development & motivation*

Project Monitoring & Controlling a Project in an Unstable Environment

- *Tracking the project – using Earned Value Management (EVM)*
- *Managing Variable Conditions - managing the tensions*
- *Learn about the critical chain and its growing popularity in the Oil & Gas industry*

Day Five:

Managing Project Change

- *Managing change in projects*
- *Understanding the best-practice change processes used in projects*

Project Communication & Support

- *Knowledge transfer and its importance in the Oil & Gas industry*
- *The benefits of utilising a Project Support Office*
- *Project Reviews*
- *Engaging with Oil & Gas Partners and key stakeholders*

Project Quality Management

- *Learn about Project Quality Management*
- *Differentiate between Quality Planning, Assurance & Control*
- *Understand how quality tools can be used*

Project Operational Considerations

- *What are the operational considerations that need to be met and prepared for?*
- *What are the environment protection measures?*

Project Cost and Schedule Recovery

- *Project Cost and Schedule Recovery Techniques relevant to the Oil & Gas industry*
- *The implications of late recovery practices*

Staying focused, delivering and closing your project

- *Project Management Reporting*
- *Project Handover & closure*
- *Lessons Learned*

Case Studies, Last Day Review, Discussions & Pre & Post Assessments will be carried out.

.....