Estimating, Planning & Scheduling for Oil & Gas Projects

1 – 5 November 2027
Malé (Maldives)



Estimating, Planning & Scheduling for Oil & Gas Projects

Ref: 322944_219737 **Date:** 1 – 5 November 2027 **Location:** Malé (Maldives) **Fees:** 5400 GBP

Course Description

This intensive 1-week course equips professionals with essential skills in estimating, planning, and scheduling for oil and gas production projects. Participants will learn industry-specific techniques, best practices, and tools to effectively manage complex projects in the oil and gas sector. The course combines theoretical knowledge with practical applications, ensuring participants can immediately apply their learning to real-world scenarios.

Learning Objectives

- Develop accurate cost estimates for oil and gas projects using industry-standard methodologies
- Create comprehensive project plans tailored to the unique challenges of the oil and gas sector
- Master scheduling techniques to optimize resource allocation and project timelines
- Implement risk management strategies specific to oil and gas production projects
- Enhance decision-making skills for effective project execution and control

Course Modules

Day 1: Fundamentals of Oil & Gas Project Management

- Introduction to project management in the oil and gas industry
- Project lifecycle and stage-gate processes
- Stakeholder management and communication
- Industry-specific challenges and considerations

Day 2: Project Estimating Techniques

- Cost estimation methodologies for oil and gas projects
- Developing work breakdown structures WBS
- Resource estimation and allocation
- Contingency planning and risk-based estimating

Day 3: Project Planning Strategies

- Creating comprehensive project management plans
- Scope definition and management
- Quality planning and control
- Procurement planning for oil and gas projects



Day 4: Scheduling Techniques and Tools

- Critical path method CPM and PERT techniques
- Resource leveling and optimization
- Schedule compression techniques
- Using project management software for scheduling

Day 5: Project Execution, Monitoring, and Control

- Earned value management EVM for performance tracking
- Change management and scope control
- Risk monitoring and mitigation strategies
- Project closure and lessons learned

Practical Wins for Participants

- Ability to create accurate and reliable project estimates, reducing cost overruns
- Enhanced skills in developing comprehensive project plans, improving project success rates
- Proficiency in using advanced scheduling techniques, optimizing resource utilization
- Improved risk management capabilities, minimizing project disruptions and delays

