



Project & Contract Management

Project Management for Engineering Operations

Course Introduction

This 5-day course provides a comprehensive understanding of project management principles and practices tailored for engineering operations. It covers project lifecycle management, various project management methodologies, scheduling and resource management, cost control, risk management, and stakeholder communication. Participants will develop practical skills to effectively plan, execute, and control engineering projects.

Target Audience

- Project Managers
- Engineering Managers
- Operations Managers
- Program Managers
- Production Managers
- Construction Managers
- Project Coordinators

Learning Objectives

- Understand the project lifecycle and key project management concepts
- Compare and apply different project management methodologies (Waterfall, Agile, Hybrid)
- Develop skills in project planning, scheduling, and resource management
- Master techniques for project cost estimation, budgeting, and Earned Value Management
- Implement effective risk management and stakeholder communication strategies

- Apply project monitoring and control processes
- Conduct proper project closure and lessons learned processes

Course Outline

- **Day 01**

Project Management Fundamentals Objectives:

- Understand the project lifecycle and key project management concepts
- Learn different project management methodologies (Waterfall, Agile, Hybrid)
- Develop skills in project initiation and planning

- **Day 02**

Project Scheduling and Resource Management Objectives:

- Master techniques for creating project schedules (e.g., Gantt charts, PERT)
- Learn resource allocation and leveling techniques
- Understand critical path method and its application

- **Day 03**

Project Cost Management and Earned Value Analysis Objectives:

- Develop project budgets and cost estimates
- Understand and apply Earned Value Management (EVM)
- Learn techniques for cost control and forecasting

- **Day 04**

Risk Management and Stakeholder Communication Objectives:

- Identify and assess project risks
- Develop risk mitigation strategies
- Learn effective stakeholder management and communication techniques

- **Day 05**

Project Monitoring, Control, and Closure Objectives:

- Implement project monitoring and control processes
- Learn change management procedures in projects
- Understand project closure and lessons learned processes

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 28, 2025	May 2, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
July 27, 2025	July 31, 2025	5 days	4250.00 \$	KSA - Riyadh
Oct. 27, 2025	Oct. 31, 2025	5 days	5950.00 \$	USA - Los Angeles