

MANAGING PROJECT CONTROL

Start Date:	26/04/2026	End Date:	30/04/2026
Categories:	Engineering & Maintenance	Venues:	Doha
Formats:	In Person	Instructors:	

OVERVIEW

This course provides participants with the skills and methodologies needed to effectively manage project controls, ensuring projects are delivered on time, within budget, and to the required quality standards. It covers key areas such as project planning, cost control, scheduling, performance measurement, risk management, and the integration of project control systems to drive successful project execution.

OBJECTIVES

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

- Understand the principles and best practices of project control across various industries.
- Develop and manage project baselines including scope, schedule, and cost.
- Implement earned value management (EVM) techniques to monitor project performance.
- Identify and mitigate project risks through proactive control measures.
- Integrate scheduling, cost management, and reporting systems to support project decision-making.

COURSE OUTLINE

1- Fundamentals of Project Control: Scope, Time, and Cost Management
2- Developing Project Control Plans and Baselines
3- Performance Monitoring Using Earned Value Management (EVM)
4- Risk Management and Corrective Action Planning
5- Project Control Systems Integration and Best Practices

TARGET AUDIENCE

All Supervisory Levels, Project Control Managers, Project Managers, Planning Engineers, Cost Engineers, Schedulers, Risk Analysts, and professionals involved in planning, monitoring, controlling, or reporting on project performance across engineering, construction, oil and gas, and infrastructure sectors.

METHODOLOGY

The course combines technical lectures, hands-on project planning and control exercises, real-world project case studies, earned value management simulations, risk analysis workshops, and group discussions on project control challenges.

CONCLUSION

Upon completing the course, participants will be able to establish robust project control frameworks, apply analytical techniques to track project performance, manage deviations effectively, and contribute to the successful delivery of complex projects.

DAILY AGENDA

Day 1: Introduction to Project Control Principles and Frameworks

Explore the fundamentals of project control, the importance of integration with project management, and the key control objectives across scope, time, and cost.

Day 2: Developing Project Control Plans and Managing Baselines

Learn how to create project control plans, define baselines, and manage scope, cost, and schedule throughout the project lifecycle.

Day 3: Monitoring Project Performance with Earned Value Management

Apply earned value management (EVM) techniques to track project progress, calculate variances, and predict project outcomes.

Day 4: Risk Management in Project Control

Identify project risks, perform qualitative and quantitative risk assessments, and develop risk mitigation and contingency strategies.

Day 5: Integrating Systems and Best Practices in Project Control

Understand the integration of scheduling, cost control, and reporting systems and review case studies highlighting best practices and lessons learned in project control.

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