MERCURY

Oil and Gas Project Management Training Course

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
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Introduction

This oil and gas project management program will present the latest in project delivery, planning and monitoring approaches and methodologies, negotiation strategies, and innovative technologies for the management of oil and gas projects with specific examples of what works and what does not.

This comprehensive oil and gas project management training course focuses on delivering advanced skills and knowledge in managing projects within the oil and gas sector. The Oil & Gas Project Management course integrates a range of concepts relevant to professionals seeking to enhance their expertise in oil and gas management, with a focus on project management competencies.

Certification in Oil and Gas Project Management

Participants who complete this intensively tailored training will gain a deep understanding of the complexities of managing oil and gas projects, which may support them in achieving a certificate in oil and gas management. This acknowledgment can signal expertise to future employers and enhance a professional profile as an oil and gas project manager equipped with both theoretical and practical approaches to this dynamic industry.

Targeted Groups

- Project management professionals.
- Commercial management professionals.
- Contracts management professionals.
- Financial management professionals.
- This oil and gas project management course is for all other business services professionals who are responsible for planning, decision-making, and controlling project schedules and costs in client and contracting companies.

Course Objectives

At the end of this oil and gas project management course, the participants will be able to:

- Discuss advanced issues in project delivery systems.
- Explain the nature of design in oil and gas projects.
- Cover the management techniques for mitigating projects with compressed schedules.
- Identify project success factors and characteristics.
- Apply advanced applications of lead/lag scheduling in construction.
- Discuss the unique problems related to schedule updating, cost control, and cash flow.
- Gain negotiation skills that can diffuse conflicts and resolve disputes, thus saving time and money.
- Explain important warranty and contractual issues.
- Recognize the challenges of integrating state-of-the-art management methods and technologies for construction projects.
- Demonstrate the latest computer tools for project management.

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Targeted Competencies

- Identifying and managing stakeholders and communication needs in the oil and gas industry.
- Maintaining continuous project performance and delivery control.
- Accurately estimate and allocate project costs and resources.
- The compressor accelerates the schedule when required by adverse circumstances.
- Developing a project close-out plan in line with expected success criteria.

Course Content

Unit 1: Project Delivery Systems and Project Finance

- Project management terminology.
- Pros and cons of various delivery systems?
- Success factors: what to look for?
- Build - Operate - Transfer BOT, functional specifications, issues and concerns.
- Economic evaluation.
- Project finance.

Unit 2: Project Finance, Cash Flow, and Advanced Project Estimating

- Project phases and issues pertinent to each phase.
- Financial evaluation methods.
- Owner and contractor cash flow.
- Project scope development.
- The work breakdown structure.
- Technologies for computer project estimating.

Unit 3: Advanced Topics in Scheduling and Estimating of Projects

- Conceptual and parametric estimating.
- Lead/lag scheduling.
- Resource allocation for construction projects.
- Time-cost tradeoff.
- Linear scheduling method.
- Technologies for computer project scheduling.

Unit 4: Project Control and Negotiations in Construction Management

- Project control systems.
- Project updating methods.
- Earned value management.
- Team development and effective teamwork.
- Developing effective negotiation strategies and tactics.
- Understanding your BATNA Best Alternative To a Negotiated Agreement.
- What do you do when negotiations break down, and how do you respond to tricks?

Unit 5: Advanced Issues in Project Management

- Building information modeling.
- Material management.
- Lean project management.