

# € TRAINING

Oil and Gas Project Management





# Oil and Gas Project Management

## Introduction:

The 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.

## Program Objectives:

At the end of this program the participants will be able to:

- Discuss advanced issues in project delivery systems and management techniques for mitigating projects with compressed schedules.
- Explain the nature of design in Oil & Gas projects and identify project success factors.
- Apply advanced applications of lead/lag scheduling in construction and recognize challenges in integrating management methods and technologies.
- Discuss unique problems related to schedule updating, cost control, and cash flow.
- Gain negotiation skills to resolve disputes and diffuse conflicts effectively, and understand important warranty and contractual issues.
- Demonstrate the latest computer tools for project management.

## Targeted Audience:

- Project Management Professionals.
- Commercial Management Professionals.
- Contracts Management Professionals.
- Financial Management Professionals.
- All other business services professionals who have the responsibility for planning, decision-making and controlling project schedules and costs in client and contracting companies.

## Program Outlines:

Unit 1:

Project Delivery Systems & 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 & 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 & Negotiations in Construction Management:

- Project Control Systems and Updation 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 to do when negotiations break down and how to respond to tricks.

## Unit 5:

### Advanced Issues in Project Management:

- Building Information Modeling.
- Material Management.
- Lean Project Management.