

€ TRAINING

Estimating with Planning and Scheduling of
Projects for Oil and Gas Production





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Introduction:

The Estimating with Planning and Scheduling of Projects for Oil and Gas Production program enhances skills in project estimation, planning, and scheduling for the industry. Participants gain expertise in advanced techniques for cost estimation, project planning, and schedule development tailored to oil and gas projects. It equips professionals with tools to optimize outcomes and manage resources effectively in the sector.

Program Objectives:

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

- 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.

Targeted Audience:

- Project Managers.
- Senior related Project Support Managers.
- Senior management decision-makers.
- Commercial Management Personnel.
- Project Lead Engineers.
- Project Control and business services professionals.

Program Outlines:

Unit 1:

Concepts of Project Management & Intricacies of Project Approval in Oil & Gas Industry:

- Projects and Programs.
- Project Life Cycles and Stage Gates.
- Project Sanctioning and Approval Process. PSAP for the Oil & Gas Industry.
- Development of the Strategic Project Business Case.
- Project Identification-Awareness of accountability of Project Ideas.
- Exploratory decision-analysis.

Unit 2:

Project Context for Oil & Gas Projects:

- Macro-environmental Considerations: Assessing Project Choices in Context.
- Stakeholder Management: Identifying Stakeholders and Their Impact on Projects.
- Regulatory and Institutional Factors: Understanding the Framework and Infrastructure.
- Feasibility Decision-makers: Responsibility for Project Feasibility Assessment.
- Project Preparation and Financial Modeling: Structuring Finance Deals and Assessing Credit Risk.
- Leadership and Organizational Structure: Developing Executive Leadership and Understanding Project Organization.

Unit 3:

Identify Reasons for Project Failures & Prepare for Successful Delivery and Integration:

- Understand why some projects fail.
- Gain an understanding of successful projects and analyze reasons for the success.
- Development of the Project Charter.
- Define success criteria and KPIs of an example Oil & Gas project.
- Capture Project Requirements.
- Understand the need for a project team approach.
- Importance of communication in an Oil & Gas project and Working Collaboratively.

Unit 4:

Development Project Stakeholder Relationships & Project Communication:

- Identify and plan to engage with the project's key stakeholders.
- Creating project dashboards.
- Presenting decisions to the project board.
- Recognizing the need for Project Recovery.
- Control Decision-making.

Unit 5:

Preparing for Project Delivery:

- Understand who the key stakeholders are and how they may impact the project.
- Consider the implications of unclear needs and expectations.
- Understand the project success criteria and how the project will be measured as successful.
- Define the project requirements.
- Develop the scope - using product and work breakdown structures.
- Utilize relevant techniques for project estimating.