BLACKBIRD FOR TRAINING

Petrochemical Plant Projects Cost Estimation & Cost Control

21 – 25 November 2027
Cairo (Egypt)



Petrochemical Plant Projects Cost Estimation & Cost Control

Ref: 321555_130049 **Date:** 21 – 25 November 2027 **Location:** Cairo (Egypt) **Fees:** 4900 GBP

Introduction

This comprehensive course provides an in-depth exploration of cost estimation and cost control tailored for petrochemical plant projects. Whether you're involved in the initial stages of project planning or need to enhance your project cost management skills, this course will equip you with the knowledge and tools to succeed. You will learn to apply cost estimation methods, manage budgets effectively, and implement cost control strategies to ensure projects stay within financial constraints. Real-world case studies and practical exercises will guide you in mastering project cost control techniques that are critical for the success of petrochemical plants.

Course Objectives

Upon completing this course, participants will be able to:

- Master the fundamentals of cost estimation for petrochemical plant projects.
- Implement cost control strategies and techniques to manage project costs effectively.
- Understand key cost drivers and financial metrics specific to petrochemical projects.
- Utilize industry-standard tools and software for cost estimation and cost control.
- Develop practical skills through hands-on exercises and case studies to manage the financial aspects of petrochemical projects with confidence.

Course Outlines

Day 1: Introduction to Cost Estimation

- Basics of cost estimation for petrochemical projects.
- Identifying key cost components and effective estimation techniques.
- Understanding industry standards and benchmarks for cost estimation.
- Case Study: Develop a basic cost estimate for a sample petrochemical project.

Day 2: Detailed Estimation Methods

- Cost estimation methods: Analogous, parametric, and bottom-up.
- Breaking down direct and indirect costs.
- Tools and software for accurate cost estimation.
- Practical Exercise: Create a detailed cost estimate for a specific project p[illegible]



Day 3: Cost Control Strategies

- Principles and importance of cost control in petrochemical projects.
- Cost control techniques for monitoring and managing project budgets.
- How to identify and address cost variances.
- Group Activity: Analyze and solve real-world cost control scenarios.

Day 4: Budget Management and Financial Performance

- Master budgeting practices and aligning budgets with project scope.
- Tracking financial performance using key metrics and KPIs.
- Managing risks associated with budget planning and cost control.
- Workshop: Develop and manage a comprehensive project budget.

Day 5: Advanced Topics and Case Studies

- Explore advanced cost estimation methods and control techniques.
- Analyze complex cost scenarios in large-scale petrochemical projects.
- Review case studies to identify best practices and lessons learned.
- Final Project: Apply course concepts to a real-world petrochemical project case.

Why Attend This Course: Wins & Losses!

- Master cost estimation methods for petrochemical projects, giving you a strong foundation in project financial planning.
- Learn to apply advanced cost control strategies to effectively manage project costs and avoid budget overruns.
- Enhance your ability to use cost estimation software and tools that are industry-standard for petrochemical plant processes.
- Practical experience with real-world scenarios will prepare you to manage large-scale petrochemical projects with confidence.
- Gain a competitive edge by mastering the cost control techniques and methods necessary for successful project execution.

Conclusion

This course is an invaluable resource for anyone involved in managing the financial aspects of petrochemical plant projects. Through hands-on practice and advanced techniques, you will master the cost estimation and cost control strategies essential for managing complex petrochemical projects effectively.

Enhance your skills, improve financial performance, and ensure the success of your projects by attending this comprehensive and interactive course.

