Project Costing and Analysis Control: 1-Week Intensive

2027 □□□□□□ 16 – 12
Cairo (Egypt)



Project Costing and Analysis Control: 1-Week Intensive

Registration Date: 2025-12-21 | 2026-12-20 **Location:** Cairo (Egypt) **Fees:** 4200 GBP

Why This Course

Project costing and analysis control are essential for keeping projects financially stable, measurable, and aligned with business objectives. Without accurate cost estimates, realistic budgets, effective cost control, and reliable performance tracking, projects can quickly face overruns, funding gaps, weak decision-making, and reduced value.

This comprehensive 1-week Project Costing and Analysis Control Training program equips participants with advanced practical skills in cost estimation, budgeting, financial analysis, risk assessment, earned value management, and performance control. The course covers Work Breakdown Structures, activity-based costing, budget baselines, cash flow forecasting, variance analysis, financial risk management, contingency planning, life cycle costing, value engineering, and cost optimization. Through practical exercises and real-world examples, participants will learn how to improve financial control and make better project decisions.

What You'll Learn and Practice

By joining this program, you will:

- Develop accurate project cost estimates using different estimation techniques.
- Understand key principles of project cost management.
- Build Work Breakdown Structures to support detailed costing.
- Apply activity-based costing in project environments.
- Create and manage project budgets effectively.
- Allocate resources and optimize project costs.
- Develop cash flow forecasts and budget baselines.
- Implement cost control systems.
- Apply Earned Value Management principles.
- Analyze cost and schedule variances.
- Prepare performance reports and corrective action plans.
- Identify, assess, and mitigate financial risks.
- Use contingency planning, management reserves, and cost risk analysis.
- Apply life cycle costing, value engineering, and financial analysis tools.



The Program Flow

Day 1: Fundamentals of Project Costing

- Understand the principles of project cost management.
- Explore key cost estimation techniques and tools.
- Develop Work Breakdown Structures for cost planning.
- Link project scope, activities, resources, and costs.
- Apply activity-based costing to improve cost visibility and accuracy.

Day 2: Budgeting and Cost Planning

- Create project budgets based on approved scope and estimates.
- Allocate resources effectively across project activities.
- Optimize resource use to improve cost efficiency.
- Develop cash flow forecasts for project financial planning.
- Build budget baselines for monitoring and control.

Day 3: Cost Control and Performance Measurement

- Implement practical cost control systems.
- Apply Earned Value Management principles to track performance.
- Analyze cost variance and schedule variance.
- Interpret performance trends and identify corrective actions.
- Prepare cost performance reports for stakeholders and decision-makers.

Day 4: Financial Risk Management

- Identify financial risks that may affect project performance.
- Assess risks related to cost uncertainty, market changes, delays, resources, and scope changes.
- Develop risk mitigation strategies.
- Use contingency planning and management reserves effectively.
- Explore Monte Carlo simulation for cost risk analysis and forecasting.

Day 5: Advanced Topics and Integration

- Apply life cycle costing to evaluate long-term project costs.
- Use value engineering to improve value and reduce unnecessary costs.
- Apply financial analysis for project selection and prioritization.
- Use cost optimization techniques to support better decisions.
- Integrate cost management with wider project management processes.



Individual Impact

- Build confidence in preparing accurate cost estimates and budgets.
- Strengthen financial analysis and cost control capabilities.
- Improve ability to assess cost risks and develop mitigation plans.
- Gain practical experience with EVM, variance analysis, and forecasting.
- Develop stronger decision-making skills using reliable cost data.

Work Impact

- Improve project financial control and budget accuracy.
- Reduce cost overruns through better planning, tracking, and corrective action.
- Strengthen performance visibility through earned value and variance analysis.
- Improve risk readiness through contingency planning and financial risk assessment.
- Support better project selection, cost optimization, and value-driven decisions.

Training Methodology

This program combines project costing concepts with practical financial control application through:

- Cost estimation and activity-based costing exercises.
- WBS development and resource allocation workshops.
- Budgeting, cash flow, and baseline planning activities.
- Earned Value Management and variance analysis practice.
- Financial risk assessment and contingency planning case studies.
- Life cycle costing, value engineering, and cost optimization exercises.

Beyond the Course

Upon completion, participants will be able to:

- Create accurate cost estimates and budgets for projects.
- Build budget baselines and cash flow forecasts.
- Implement effective cost control measures.
- Track project performance using Earned Value Management.
- Assess and mitigate financial risks in projects.
- Use financial analysis tools to support project decision-making.

