informatech

ACCOUNTING AND FINANCE | AF-012

Certified Cost Professional

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Course content

Why Attend

Effective cost management is essential for keeping projects financially controlled, commercially viable, and aligned with organizational objectives. Cost professionals need a strong command of estimating, budgeting, forecasting, cost control, economic analysis, and performance measurement throughout the project lifecycle. This programme develops the practical and analytical capabilities required to manage project costs, evaluate financial performance, identify variances, and support sound management decisions.

Course Methodology

The programme combines instructor-led sessions, practical calculations, cost-estimating exercises, case studies, forecasting workshops, earned value exercises, group discussions, and project-based scenarios. Participants apply cost engineering principles to realistic situations and develop practical approaches that can be transferred directly to their workplace.

Course Objectives

By the end of this course, participants will be able to:

- Apply fundamental cost engineering and cost management principles
- Develop reliable project cost estimates and budgets
- Establish effective cost control and performance measurement systems
- Analyze cost variances and forecast project financial outcomes
- Apply economic analysis techniques to support investment decisions
- Integrate cost, schedule, risk, and performance information
- Prepare meaningful cost reports for management decision-making
- Strengthen professional capabilities in project cost management

Target Audience

Course content

Target Audience

- Cost engineers and cost controllers
- Project managers and project controls professionals
- Estimators and quantity surveyors
- Planning and scheduling engineers
- Finance and commercial professionals
- Engineers responsible for project budgets and cost performance
- Professionals preparing for cost management certification

Target Competencies

- Cost engineering
- Cost estimating
- Budgeting and forecasting
- Project cost control
- Earned Value Management
- Economic analysis
- Cost risk management
- Performance reporting

Course outline

Day 1: Cost Engineering and Cost Estimating Fundamentals

- Understanding the role and principles of cost engineering
- Exploring the project lifecycle from a cost management perspective
- Understanding cost classifications, structures, and terminology

Course content

Course outline

• Developing the Cost Breakdown Structure (CBS)

• Applying different estimating methods and techniques

• Understanding estimate accuracy, assumptions, contingencies, and allowances

• Practical exercise: Preparing a structured project cost estimate

Day 2: Budgeting, Planning, and Cost Control

• Converting estimates into approved project budgets

• Establishing cost baselines and control accounts

• Integrating cost information with the Work Breakdown Structure (WBS)

• Understanding commitments, expenditures, accruals, and cash flow

• Establishing effective project cost control procedures

• Identifying and analyzing cost variances

• Practical exercise: Developing a project cost baseline and control framework

Day 3: Performance Measurement and Forecasting

• Understanding project performance measurement principles

• Applying Earned Value Management (EVM)

• Calculating and interpreting Cost Performance Index (CPI) and Schedule Performance Index (SPI)

• Forecasting Estimate at Completion (EAC) and Estimate to Complete (ETC)

• Conducting variance and trend analysis

• Developing accurate project cost forecasts

• Practical workshop: Analyzing project cost and schedule performance

Day 4: Economic Analysis, Risk, and Decision-Making

• Understanding the time value of money

Course content

Course outline

- Applying cash-flow analysis to project decisions
- Using Net Present Value (NPV), Internal Rate of Return (IRR), and payback techniques
- Evaluating alternative investment and project options
- Understanding uncertainty and cost risk
- Applying contingency and risk-based cost analysis
- Practical exercise: Evaluating project alternatives using economic and risk analysis

Day 5: Advanced Cost Management and Reporting

- Integrating cost, schedule, scope, and risk information
- Managing changes and their impact on project costs
- Applying cost optimization and value improvement techniques
- Developing meaningful cost KPIs and management dashboards
- Preparing concise cost reports and forecasts for senior management
- Identifying emerging practices in digital cost management and analytics
- Capstone Exercise: Developing and presenting an integrated project cost control and performance report

Seminar dates

Available seminar dates

Live dates and pricing for Certified Cost Professional generated from the course details page.

Date	Location	Format	Fee
4 - 8 January 2027	London - U.K	Classroom	**€3,360.-**
1 - 5 February 2027	Kuala lumpur - Malaysia	Classroom	**€2,040.-**
1 - 5 March 2027	Istanbul - Turkey	Classroom	**€2,560.-**
5 - 9 April 2027	London - U.K	Classroom	**€3,360.-**
7 - 11 June 2027	Frankfurt - Germany	Classroom	**€2,600.-**
5 - 9 July 2027	Istanbul - Turkey	Classroom	**€2,560.-**
2 - 6 August 2027	Munich - Germany	Classroom	**€3,400.-**
6 - 10 September 2027	Barcelona - Spain	Classroom	**€3,080.-**
1 - 5 November 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
6 - 10 December 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**

Live online option	Online delivery is available at €1,850.-.