



ACCOUNTING AND FINANCE

Certified Cost Professional

Course code: AF-012

SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

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.

Why Attend

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

Who Should Attend

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

— Learning Objectives

- 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

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
- 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
- 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

— Upcoming Classroom Dates

DATE	LOCATION	FEE
4 - 8 January 2027	London - United Kingdom	€2,100
1 - 5 February 2027	Kuala Lumpur - Malaysia	€1,400
1 - 5 March 2027	Istanbul - Türkiye	€1,600
5 - 9 April 2027	London - United Kingdom	€2,100
7 - 11 June 2027	Frankfurt - Germany	€1,625
5 - 9 July 2027	Istanbul - Türkiye	€1,600
2 - 6 August 2027	Munich - Germany	€2,125
6 - 10 September 2027	Barcelona - Spain	€1,925

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.