

Value Engineering & Cost Estimating: Optimize Project Value

Finance, Accounting, Budgeting
Lisbon (Portugal)
01 - 05 Sep 2025

UK Traininig

PARTNER



Value Engineering & Cost Estimating: Optimize Project Value

Ref: 3138_132257 **Date:** 01 - 05 Sep 2025 **Location:** Lisbon (Portugal) **Fees:** 4400 **Euro**

Course Description

This comprehensive 5-day course equips participants with advanced skills in value engineering and cost estimating. Attendees will learn to optimize project value, reduce costs, and make informed decisions throughout the project lifecycle. The course combines theoretical concepts with practical applications, enabling participants to implement these techniques effectively in their organizations.

Learning Objectives

- Master value engineering principles and methodologies
- Develop accurate cost estimates for projects of varying complexity
- Apply life-cycle costing techniques to enhance project value
- Implement risk analysis and mitigation strategies in cost estimation
- Utilize value engineering to improve project outcomes and reduce costs
- Enhance decision-making skills for project selection and optimization

Course Modules

Day 1: Introduction to Value Engineering and Cost Estimating

- Value engineering concepts and principles
- Cost estimating fundamentals
- Project lifecycle and value optimization
- Value engineering job plan overview

Day 2: Cost Estimating Techniques and Tools

- Types of cost estimates
- Cost estimating methods and best practices
- Parametric estimating and cost modeling
- Software tools for cost estimation

Day 3: Value Engineering Methodologies

- Function analysis and FAST diagrams
- Creativity techniques for value improvement
- Evaluation and selection of alternatives
- Implementation and follow-up in value engineering

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

UK Training
PARTNER

Day 4: Life-Cycle Costing and Risk Analysis

- Life-cycle cost analysis techniques
- Present value and discounted cash flow analysis
- Risk identification and assessment in cost estimation
- Contingency planning and risk mitigation strategies

Day 5: Integrating Value Engineering and Cost Estimating

- Value engineering in different project phases
- Cost-benefit analysis for value engineering proposals
- Reporting and presenting value engineering results
- Case studies and practical applications

Practical Wins for Participants

- Ability to lead value engineering studies in their organizations
- Improved accuracy in project cost estimations
- Enhanced skills in identifying and implementing cost-saving measures
- Increased confidence in making value-based project decisions

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a silver knight behind it. The board has a checkered pattern, and there are concentric circles in the background.

UK Training
PARTNER

Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335