

MEP Cost Estimating

Kigali (Rwanda)

3 - 7 November 2025

UK Training

PARTNER



MEP Cost Estimating

Code: PM28 From: 3 - 7 November 2025 City: Kigali (Rwanda) Fees: 3300 Pound

Introduction

The MEP Cost Estimating Course is a comprehensive program designed to provide participants with advanced knowledge and skills in MEP cost estimation for Mechanical, Electrical, and Plumbing MEP systems in construction projects. This MEP course equips participants with essential tools and techniques to accurately estimate MEP costs, considering the latest advancements in technology, materials, and methodologies.

By the end of this course, participants will gain a thorough understanding of what is MEP, its significance in construction, and how to manage MEP project costs efficiently. The course integrates theoretical knowledge with practical MEPS exercises to enhance MEP experience and prepare participants for MEP certification.

Course Objectives

This MEP cost estimation course aims to:

- Provide a comprehensive understanding of the principles and concepts of MEP cost estimation in construction projects.
- Teach advanced techniques for estimating MEP costs for Mechanical, Electrical, and Plumbing systems.
- Familiarize participants with the latest technologies and materials used in MEP services and their impact on MEP cost estimation.
- Develop skills to accurately quantify and budget for MEP components in construction projects.
- Understand the factors influencing MEP costs, such as project scope, design complexity, and market conditions.
- Explore strategies for optimizing MEP cost estimates and managing cost variations throughout the MEPS process.

Course Outlines

Day 1: Introduction to MEP Cost Estimating

- Overview of cost estimation in construction projects.
- Introduction to Mechanical, Electrical, and Plumbing MEP systems.
- Understanding MEP definition and key factors influencing MEP cost estimation.

Day 2: Estimating Mechanical Systems Costs

- Types and components of Mechanical systems HVAC, plumbing, fire protection.
- Estimating methods for Mechanical systems in the MEPS process.
- Factors affecting MEP cost estimation for Mechanical systems.

A graphic featuring a chessboard with several chess pieces (a king, a queen, and a rook) in the foreground. The text 'UK Training' is in a small font above the word 'PARTNER' in a large, bold, black sans-serif font.

UK Training
PARTNER

Day 3: Estimating Electrical Systems Costs

- Types and components of Electrical systems power distribution, lighting, communication.
- Estimating methods for Electrical systems.
- Key factors influencing MEP costs in Electrical systems.

Day 4: Estimating Plumbing Systems Costs

- Types and components of Plumbing systems water supply, drainage, fixtures.
- Estimating methods for Plumbing systems in MEP services.
- Understanding factors affecting MEP cost estimation for Plumbing systems.

Day 5: Integration and Project Cost Management

- Integrating MEP cost estimates into overall project cost estimation.
- Managing cost variations and change orders in MEP projects.
- Practical case studies and MEPS exercises to apply learned concepts.

Why Attend this Course: Wins & Losses!

- Gain a clear understanding of what is MEP and the significance of MEP services in construction.
- Master advanced MEP cost estimation techniques to improve budgeting and project management.
- Learn to navigate the MEPS process effectively, from planning to execution.
- Enhance your MEP experience with hands-on MEPS exercises and real-world case studies.
- Prepare for MEP certification to boost your professional credentials.
- Understand MEP requirements and how to integrate them into successful construction projects.
- Stay updated with the latest technologies and materials influencing MEP costs.

Conclusion

By participating in this MEP course, individuals will not only learn what is MEP but also understand the entire MEPS process. Participants will gain insights into MEP project requirements and the importance of accurate MEP cost estimation for successful construction projects.

With hands-on MEPS exercises and practical case studies, this course prepares participants to excel in their MEP experience and achieve MEP certification. This comprehensive training empowers professionals to manage MEP costs efficiently and contribute to the success of construction projects.

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) in gold and silver. The text 'UK Training' is in a small, black sans-serif font, and 'PARTNER' is in a large, bold, black sans-serif font below it.

UK Training
PARTNER

Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



Salzburg (Austria)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut

UK Training
PARTNER

Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients

 <p>MANNAI CORPORATION MANNAI Trading Company WLL, Qatar</p>	 <p>GAC UNE FILIALE D' EGA Alumina Corporation Guinea</p>	 <p>Booking.com Booking.com Netherlands</p>	 <p>OXFAM Oxfam GB International Organization, Yemen</p>	 <p>Capital Markets Authority Kuwait</p>
 <p>Waltersmith Waltersmith Petroman Oil Limited Nigeria</p>	 <p>QNB Qatar National Bank (QNB), Qatar</p>	 <p>Qatar Foundation Qatar</p>	 <p>AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania</p>	 <p>KFAS Kuwait Foundation for the Advancement of Sciences KFAS Kuwait</p>
 <p>Reserve Bank of Malawi Malawi</p>	 <p>Central Bank of Nigeria Nigeria</p>	 <p>Ministry of Interior Kingdom of Saudi Arabia Ministry of Interior, KSA</p>	 <p>Mabruk Oil Company Libya</p>	 <p>Saudi Electricity Company KSA</p>
 <p>BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia</p>	 <p>NATO Italy</p>	 <p>ENI ENI CORPORATE UNIVERSITY, Italy</p>	 <p>GULF BANK Gulf Bank Kuwait</p>	 <p>General Organization for Social Insurance KSA</p>
 <p>Defence Space Administration Nigeria</p>	 <p>National Industries Group (Holding), Kuwait</p>	 <p>Hamad Medical Corporation Qatar</p>	 <p>USAID Pakistan</p>	 <p>STC STC Solutions, KSA</p>
 <p>North Oil Company North Oil company,</p>	 <p>EKO EKO Electricity</p>	 <p>OMAN BROADBAND Oman Broadband</p>	 <p>UNITED NATIONS UN.</p>	 <p>Authority for Electricity Regulation, Oman Authority for</p>

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

