

Construction Project Management

Amsterdam (Netherlands) - Ambassade Hotel

20 - 24 January 2025

UK Training

PARTNER



Construction Project Management

code: PM28 From: 20 - 24 January 2025 Venue: Amsterdam (Netherlands) - Ambassade Hotel Fees: 4200 Pound

Introduction

For Construction Project Management, advanced knowledge and skills are needed. The overall aim of this course is to provide participants with the knowledge and skills needed to perform an in-depth analysis of a construction project during the planning and implementation phases. Participants in this interactive course will learn all the critical tools and techniques required to make decisions to optimize the successful execution of a project in a dynamic environment.

Course Objectives of Construction Project Management

- Define construction project management frameworks, processes, and tools in compliance with the Project Management Institute PMI standards
- Apply different techniques that will assist in the project selection process
- Identify different methods for cost estimating and project budgeting
- Manage time and cost deviations through applying 'earned value analysis'
- Employ risk management plans and apply risk response strategies to ensure successful implementation of the project

Course Outlines of Construction Project Management

Day 1

Overview of Construction project management

- Defining construction project management terminologies
- Construction Project management benefits
- Triple constraints
- Project life cycle
- Project stakeholders
- Effect of organizational structure

Day 2

Project selection

- Project selection models
- Benefit-cost ratio
- Average Rate of Return ARR

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 text 'UK Training PARTNER' is overlaid on the right side of the board.

UK Training
PARTNER

- Payback period
- Net Present Value NPV
- Internal Rate of Return IRR
- Decision trees
- Project selection in hospitals, Workshops

Day 3

Project planning and scheduling

- Project charter
- Project scope statement
- Building work breakdown structure
- Duration estimation
- Program Evaluation and Review Technique PERT
- Relationships between activities
- Network diagram
- Critical Path Method CPM
- Manipulating logic
- Resource allocation
- Resource leveling
- Duration acceleration
- Project planning and scheduling in hospitals, Workshops

Day 4

Construction Project budgeting

- Cost estimating techniques
- Cost baseline
- Project budget
- Slack management
- Compression by crashing
- Project budgeting

Construction Project control

- Variance analysis
- Dashboards and scorecards
- Key performance indicators
- Earned value
- Managing deviations
- Project control

Day 5

Construction Project risk management

- Project risk identification
- Qualitative risk analysis

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training' is above the word 'PARTNER' in a large, bold, black font.

UK Training
PARTNER

- Quantitative risk analysis
- Project risk response planning
- Contingency and management reserves
- Project risk management in Workshops

Program management

- Program life cycle
- Developing program work breakdown structure
- Developing a program schedule
- Developing program financial plan
- Program management in Workshops

Blackbird Training Cities

Europe & USA



Zurich (Switzerland)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)
(Switzerland)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Manchester (UK)



Milan (Italy)

USA & CANADA



Los Angeles (USA)



Florida (USA)



Online



Boston (USA)



Washington (USA)



Miami(USA)



New York (USA)



Toronto (Canada)



Blackbird Training Cities

Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia)



Bangkok (Tailand)



Beijing (China)



Jakarta (Indonesia)
(Malaysia)



Moscow (Russia)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Kuala Lumpur

Afrika



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Marocco)



Nairobi (Kenya)



Dubai (UAE)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)

UK Traininig
PARTNER

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>WS 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>الصناعات الوطنية 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</p> |

UK Training
PARTNER



Blackbird Training Categories

Management & Admin

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 Refinement

Technical Courses

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



training@blackbird-training.com



www.blackbird-training.com

UK Training

PARTNER

