

Construction Project Management

Orlando, Florida (USA)

6 - 10 January 2025

UK Training

PARTNER



Construction Project Management

Code: PM28 From: 6 - 10 January 2025 City: Orlando, Florida (USA) Fees: 5700 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 by 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.
- Payback period.
- Net Present Value NPV.

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

UK Training
PARTNER

- Internal Rate of Return IRR.
- Decision trees.
- Project selection in hospitals and 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 and 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.
- Quantitative risk analysis.
- Project risk response planning.

UK Training

PARTNER



- 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



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)
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



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)

Africa



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta (Indonesia)



Amman (Jordan)



Beirut (Lebanon)

UK Training
PARTNER

Blackbird Training Cities

Asia



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



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 Elevation

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

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

