

## Construction Project Management

*Dubai (UAE)*

*6 - 10 July 2025*

UK Training

**PARTNER**



## Construction Project Management

Code: PM28 From: 6 - 10 July 2025 City: Dubai (UAE) Fees: 3900 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 king, a pawn, and a knight) on it, set against a background of concentric circles.

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

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



Copenhagen (Denmark)



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)  
(Montenegro)



Bordeaux (France)



Birmingham (UK)



Lyon (France)



Stockholm (Sweden)



Podgorica



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



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 (Thailand)



Beijing (China)



Moscow (Russia )  
(Malaysia)



Singapore (Singapore )



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur



Jakarta (Indonesia)

### Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Marocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



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 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

 [Sales@blackbird-training.com](mailto:Sales@blackbird-training.com)

 [www.blackbird-training.com](http://www.blackbird-training.com)

UK Training  
**PARTNER**

