



# Fundamental Principles of Project Management

PIK783-0725 UK-LDN-1



**Place:** London      **Venue:** Radisson Blu Hotel (19-25 Granville Place, London W1H 6PA) - TBC  
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**If you can't train them,  
you can't blame them!**

### Short Description:

**COURSE OVERVIEW** The Mastering Project Management training program provides a comprehensive overview of the fundamental principles of project management, which serve as the foundation for every successful project. By exploring these core concepts, participants gain insight into the essential attributes required to excel in the field. This program emphasises the importance of understanding the historical context of project management, enabling participants to recognize the evolution of projects and the methodologies that have emerged over time. Furthermore, the Mastering Project Management program enhances traditional project management skills by introducing the latest tools and techniques available in the industry. This approach equips both current and aspiring project managers with the knowledge and skills necessary to navigate the complexities of modern projects effectively. By focusing on practical applications and real-world scenarios, participants are empowered to become true master's in project management, capable of leading teams and delivering successful outcomes.

### Course Overview:

#### **COURSE OBJECTIVES**

At the end of this program, participants will be able to:

- Understand the nature of project complexity and the project life-cycle.
- Comprehend the twenty project management sequence steps.
- Define and manage project roles and responsibilities effectively.
- Maintain control over projects, ensuring they stay within schedule and budget.
- Identify, analyse, and manage project risks effectively.
- Recognise the importance of project leadership in team-building.
- Manage stakeholder relationships to enhance project success.

## **TARGET AUDIENCE**

- Project Directors & Managers.
- Plant Managers & Superintendents.
- Project Planners & Estimators.
- Quality Assurance Managers & Engineers.
- Contract & Procurement Managers.
- Project & Discipline Engineers.
- Specialist Technicians & Technical Assistants.

## **Program Outline:**

### **DAY 1: Introduction to Project Management Principles**

1. Fundamental Terminology in Project Management.
2. The Phases of a Project Life-Cycle.
3. Factors Contributing to Project Complexity, Strategic Planning, and Managing the Triple Constraint.
4. The Context and Environment of Projects.
5. Essential Financial Concepts.

### **DAY 2: Project Planning & Organisation**

1. Establishing Project Scope and Creating Work and Cost Breakdown Structures.
2. Roles and Responsibilities in Project Management.
3. Inputs, Tools, and Techniques for Project Planning.
4. Techniques for Project Estimation.
5. Methods for Project Scheduling.

### **DAY 3: Executing, Implementing & Monitoring Projects**

1. Project Implementation and Resource Allocation.
2. Establishing Project Control Mechanisms.
3. Keeping Projects on Course and Managing Changes.
4. Measuring Project Performance and Key Performance Indicators.
5. Earned Value Management and Tracking Project Progress from Start to Completion.

## **DAY 4: Managing Project Risks**

1. Planning for Risk Management and Identifying Risks.
2. Analysis of Risks - Qualitative Approach.
3. Analysis of Risks - Quantitative Approach.
4. Planning and Implementing Risk Responses.
5. Monitoring Project Risks.

## **DAY 5: Leadership in Projects & Stakeholder Engagement**

1. Grasping the Concepts of Leadership and Management.
2. Collaborating in Project Teams and Understanding the Team Development Cycle.
3. Strategies for Effective Influence and Persuasion.
4. Enhancing Communication, Delegation, and Motivation Skills.
5. Engaging Stakeholders and Managing Their Expectations.