

# PMP<sup>®</sup> Certification Training

## Module 1: Introduction to Project Management

- Overview of project management concepts
- Project, program, and portfolio distinctions
- Role of the project manager
- Project lifecycle and phases
- Framework by Project Management Institute

## Module 2: Project Management Principles & Domains

- Project management principles (PMI-based)
- Performance domains overview
- Value delivery system
- Governance and compliance
- Tailoring approaches for projects

## Module 3: Predictive (Waterfall) Project Management

- Planning-driven project approach
- Scope, schedule, and cost baselines
- Change management in predictive projects
- Documentation and control processes
- Use cases and applicability

## Module 4: Agile Project Management

- Agile mindset and principles
- Scrum framework (roles, events, artifacts)
- Kanban basics
- Iterative and incremental delivery
- Agile estimation and planning

## Module 5: Hybrid Project Management

- Combining Agile and Predictive approaches
- Selecting the right methodology
- Managing hybrid project environments
- Real-world applications
- Transition strategies

## **Module 6: Integration Management**

- Project charter development
- Project management plan creation
- Direct and manage project work
- Monitor and control project performance
- Integrated change control

## **Module 7: Scope Management**

- Requirements gathering techniques
- Scope definition and documentation
- Work Breakdown Structure (WBS)
- Scope validation and control
- Managing scope changes

## **Module 8: Schedule Management**

- Activity sequencing and dependencies
- Duration estimation techniques
- Schedule development methods
- Critical Path Method (CPM)
- Schedule optimization and control

## **Module 9: Cost Management**

- Cost estimation methods
- Budgeting and cost baselines
- Earned Value Management (EVM)
- Forecasting techniques
- Cost control measures

## **Module 10: Quality Management**

- Quality planning and assurance
- Quality control tools and techniques
- Continuous improvement practices
- Cost of quality
- Process standardization

## **Module 11: Resource Management**

- Resource planning and allocation
- Team development and leadership
- Conflict resolution techniques

- Motivation and performance management
- Virtual and cross-functional teams

### **Module 12: Communication Management**

- Communication planning strategies
- Stakeholder communication methods
- Information distribution and reporting
- Managing communication channels
- Performance reporting

### **Module 13: Risk Management**

- Risk identification techniques
- Qualitative and quantitative analysis
- Risk response planning
- Risk monitoring and control
- Managing uncertainties

### **Module 14: Procurement Management**

- Procurement planning and strategy
- Contract types and selection
- Vendor management
- Procurement execution
- Contract closure

### **Module 15: Stakeholder Management**

- Stakeholder identification and analysis
- Stakeholder engagement strategies
- Managing expectations and conflicts
- Stakeholder communication planning
- Building stakeholder relationships

### **Module 16: Leadership & People Management**

- Leadership styles and approaches
- Emotional intelligence in project management
- Team building and collaboration
- Decision-making techniques
- Influencing and negotiation skills

## **Module 17: Business Environment & Strategy**

- Aligning projects with organizational strategy
- Benefits realization management
- Organizational change management
- Compliance and regulatory considerations
- Value delivery focus

## **Module 18: Exam Preparation & Practice**

- PMP exam structure and format
- Key concept revision
- Scenario-based practice questions
- Mock exams
- Exam strategies and time management

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