



# PROJECT MANAGEMENT PROFESSIONAL CERTIFICATION COURSE

## Course Overview

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In this course, you'll explore the comprehensive training program which is designed to equip participants with the knowledge and skills required to attain the Project Management Professional (PMP) certification, a globally recognized credential by the Project Management Institute (PMI). The course is structured to cover the key domains, processes, and best practices outlined in the PMBOK (Project Management Body of Knowledge).

## Course Outline

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1. Introduction to Project Management:
  - Definition of projects
  - Project life cycle and phases
  - Role of a project manager
2. PMBOK Guide Overview:
  - Key knowledge areas
  - Process groups
  - Project management processes
3. Project Integration Management:
  - Develop Project Charter
  - Develop Project Management Plan
  - Direct and Manage Project Work
  - Monitor and Control Project Work
  - Perform Integrated Change Control
  - Close Project or Phase
4. Project Scope Management:
  - Plan Scope Management
  - Collect Requirements
  - Define Scope
  - Create WBS (Work Breakdown Structure)
  - Validate and Control Scope
5. Project Time Management:
  - Plan Schedule Management
  - Define Activities
  - Sequence Activities
  - Estimate Activity Resources and Durations
  - Develop Schedule
  - Control Schedule
6. Project Cost Management:
  - Plan Cost Management
  - Estimate Costs
  - Determine Budget
  - Control Costs



7. Project Quality Management:
  - Plan Quality Management
  - Perform Quality Assurance
  - Control Quality
  
8. Project Risk Management:
  - Plan Risk Management
  - Identify, Perform Qualitative and Quantitative Risk Analysis
  - Plan Risk Responses
  - Monitor and Control Risks
  
9. Project Procurement Management:
  - Plan Procurement Management
  - Conduct Procurements
  - Control Procurements
  - Close Procurements
  
10. Professional and Social Responsibility:
  - PMI Code of Ethics and Professional Conduct
  - Social responsibility in project management

**Methodology:**

Instructor-led training sessions  
Group discussions and case studies  
Practice exams and quizzes  
Real-world application exercises  
Mock PMP certification exam

**Who should attend?**

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Project Managers, Project team members, Aspiring project managers, Individuals preparing for the PMP certification exam.

**Which industry needs Project Management Professional (PMP)?**

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Information Technology (IT), Finance and Banking, Healthcare, Manufacturing, Retail and E-commerce, Telecommunications, Consulting, Government and Public Sector, Education, Energy and Utilities

**Project Management Professional (PMP) Certification**

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The Project Management Professional (PMP) certification is awarded by the Project Management Institute (PMI). The PMP exam covers a range of topics related to project management, including project initiation, planning, execution, monitoring and controlling, and closing. It is based on the Project Management Body of Knowledge (PMBOK) guide, which is a comprehensive guide published by PMI.

**What are the Exam Details?**

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PMP Certification exam pattern:

- Exam Duration - 3.5 hours
- Exam Pattern - 180 multiple-choice questions but 175 question is scored
- It is a competency-based