

PROJECT MANAGEMENT PROFESSIONAL (PMP)

Who Should Attend

Project Management Institute (PMI)® Certifications are the project management credential of choice across a vast array of industries and companies. By attaining your PMP, your name will be included in the largest and most prestigious group of certified professionals in the project management community. The PMP certification is designed for experienced project managers responsible for all aspects of a project.

To earn your PMP, you need to have:

- 4 year degree
- 4500 hours leading and directing projects
- 35 hours of project management education
- Or
- Secondary degree (high school diploma, associate's degree or equivalent)
- 7500 hours leading and directing projects
- 35 hours of project management education

Course Objectives

- Upon successful completion of this course, students will be able to:
 - Obtain an understanding of how project management affects business
 - Create a charter
 - Identify stakeholders
 - Create a project management plan
 - Create a schedule, create a budget,
 - Create a risk register, and create various management plans.
 - Analyze project risks, address project related procurement, execute the plan, and monitor and control it as needed.
 - Close the project, including project and contract closeout.

Domains

The PMP Exam is based on the PMP Examination Specification, which describes tasks out of the five performance domains:

- I. **Initiating**
- II. **Planning**

- III. Executing
- IV. Monitoring and Controlling
- V. Closing

Exam Content Outline

Domain	Percentage of Items on Test
I. Initiating	13%
II. Planning	24%
III. Executing	31%
IV. Monitoring and Controlling	25%
V. Closing	7%
Total	100%

Course Outline

1 - PROJECT MANAGEMENT INTRODUCTION

PMP® Exam Details
Project Management Introduction Overview
Defining Projects
The Importance of Project Management Project, Program, Portfolio and Operations Management
Key Components
Project Management Process Groups
Project Management Knowledge Areas
Project Data, Information, and Reports Tailoring
Project Management Business Documents
Success Measurements
Practice Questions

2 - THE ENVIRONMENT IN WHICH PROJECTS OPERATE

The Environment in Which Projects Operate Overview
Enterprise Environmental Factors
Organizational Process Assets
Organizational Systems

Governance Frameworks
Management Elements
Organizational Structure Types
Project Management Office
Practice Questions

3 - THE ROLE OF THE PROJECTMANAGER

The Role of the Project Manager Overview
The Project Manager's Sphere of Influence
Project Management Competencies
Leadership: Politics, Power, and Getting Things Done
Levels of Skills Capability
Competency Model
Comparison of Leadership and Management
Leadership Styles
Personality
Performing Integration
Navigating Complexity: A Practice Guide
Practice Questions

4 - INITIATING PROCESSES

Initiating Process Group Overview
Develop Project Charter Identify Stakeholders
Practice Questions

5 - PLANNING PROCESSES

Planning Process Group Overview
Section A: Management Plans
Develop Project Management Plan
Subsidiary Management Plans
Plan Scope Management
Plan Schedule Management
Plan Cost Management
Plan Quality Management
Plan Resource Management
Plan Communications Management
Plan Risk Management
Plan Procurement Management
Plan Stakeholder Engagement
Change Management Plan and Configuration
Management Plan

Practice Questions

Section B: Scope, Schedule, and Cost Processes

Collect Requirements

Define Scope

Create WBS

Define Activities

Sequence Activities

Estimate Activity Resources

Estimate Activity Durations

Develop Schedule

Overview: Cost Planning Processes

Estimate Costs

Determine Budget

Practice Questions

Section C: Risk Processes

Identify Risks

Perform Qualitative Risk Analysis

Perform Quantitative Risk Analysis

Plan Risk Responses

Practice Questions

6 - EXECUTING PROCESSES

Executing Processes Overview

Direct and Manage Project Work

Manage Project Knowledge

Manage Quality

Acquire Resources

Develop Team

Manage Team

Manage Communications

Implement Risk Responses

Conduct Procurements

Manage Stakeholder Engagement

Practice Questions

7 - MONITORING AND CONTROLLING PROCESSES

Monitoring and Controlling Process Group Overview

Monitor and Control Project Work
Perform Integrated Change Control
Validate Scope
Control Change
Control Schedule
Control Costs
Control Quality
Control Resources
Monitor Communications
Monitor Risks
Control Procurements
Monitor Stakeholder Engagement

8 - CLOSING PROCESSES

Closing Process Group Overview
Close Project or Phase
Practice Questions