

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 effects 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