

# Preparation for Project Management Professional (PMP) Certification





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#### Introduction

The overall aim of this course is to prepare participants for the Project Management Professional PMP certification by discussing the exam's requirements and analyzing the format of its questions. Participants will get the opportunity to practice many similar exam questions. The course also aims at assisting participants in employing the project life cycle through an in-depth description of the five process groups and ten knowledge areas related to project management.

This course is provided by a certified trainer, who passed this exam and have the requested code for the exam. This course is worth 35 PDUs.

## Course Objectives - Preparation for Project Management Professional PMP Certification

- Review the PMP exam requirements and application process
- Define several key terms and recognize the relationship between portfolio, program, and project management
- Describe how organizational influences affect the methods used for managing projects
- · Identify the integration of various processes and project management activities
- Breakdown the project's scope to include all required project work
- Compute all activities' durations required to complete the project
- Estimate activities' costs and project's budgets
- Outline the project's quality policies and objectives
- Assemble the project team and manage its performance
- Create and properly communicate project information
- Develop a project risk management plan and examine project risks
- Plan the procurement steps to acquire products and services needed from outside the project team
- Analyze stakeholder expectations and their impact on the project

#### The following resources will be distributed during the course:

- Project Management Body of Knowledge PMBOK, sixth edition hard copy
- Project Management Professional PMP handbook soft copy
- Exam Questions Bank- hard copy

## Preparation for Project Management Professional PMP Certification Course Outline

Day 1

PMP credential overview

• The Project Management Institute PMI

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- · Credential overview
- · Exam overview
- Application process
- Question format

#### Day 2

#### PMP introduction

- The PMBOK guide
- · Key definitions
- Portfolios, programs, and projects
- PMBOK guide components

#### Projects environment

- Project influences
- Organizational systems
- Organizational types
- The role of the project manager

#### Day 3

#### Integration management

- Developing the project charter
- Developing the project management plan
- Directing and managing project work
- Managing project knowledge
- Monitoring and controlling project work
- Performing integrated change control
- · Closing the project or phase

#### Day 4

#### Scope management

- Planning scope management
- Collecting requirements
- · Defining the scope
- Creating the WBS
- Validating the scope
- · Controlling the scope

#### Day 5

#### Schedule management

- Planning schedule management
- · Defining activities
- · Sequencing activities
- Estimating activity duration
- Developing the schedule

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Controlling the schedule

#### Day 6

#### Cost management

- Planning cost management
- · Estimating costs
- Determining the budget
- · Controlling costs

#### Quality management

- Planning quality management
- Managing quality
- · Controlling quality

#### Day 7

#### Resource management

- Planning resource management
- · Estimating activity resources
- Acquiring resources
- · Developing the team
- Managing the team
- · Controlling resources

#### Day 8

#### Communications management

- Planning communications management
- Managing communications
- · Monitoring communications

#### Day 9

#### Risk management

- · Planning risk management
- · Identifying risks
- Performing qualitative risk analysis
- · Performing quantitative risk analysis
- Planning risk responses
- · Implementing risk responses
- Monitoring risks

#### Day 10

#### Procurement management

• Planning procurement management

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- Conducting procurements
- Controlling procurements

#### Stakeholder management

- Identifying stakeholders
- Planning stakeholder engagement
- Managing stakeholder engagement
- Monitoring stakeholder engagement



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