

Preparation for Project Management Professional (PMP) Certification

(5 Days Training Course)



An **informatech** Training Course
all copyrights reserved



Why Attend

The overall aim of this course is to prepare participants for the Project Management Professional (PMP) certification through discussing the exam requirements and analyzing its questions format. Additionally, 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.

Course Methodology

The course uses a mix of interactive techniques such as group exercises, brief presentations by the consultant and the participants, practicing exam questions and simulations.

Course Objectives

By the end of the course, participants will be able to:

- Review the PMP exam requirements and application process
- Define several key terms and recognize the relationship among 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 scope to include all required project work
- Compute activities durations required to complete the project
- Estimate activity costs and project budgets
- Outline the project 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

Target Audience

Project managers, members of project offices, project sponsors, functional managers, senior management and individuals interested in PMP certification. This course is worth 35 PDUs.

Target Competencies

- Managing projects
- Initiating projects
- Planning projects
- Executing projects
- Controlling projects
- Closing projects

Course Outline

PMP credential overview

The Project Management Institute (PMI)
Credential overview
Exam overview
Application process
Questions format

PMP introduction

The PMBOK guide
Project managers areas of concern
Portfolios, programs and projects
Project definition

Organizational influences and project life cycle

Organizational types
Managing project constraints
Process groups
Knowledge areas

Integration management

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

Scope management

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

Time management

Planning schedule management
Defining activities
Sequencing activities
Estimating activity resources
Estimating activity durations
Developing the schedule
Controlling the schedule

Cost management

Planning cost management
Estimating costs
Determining the budget
Controlling costs

Quality management

Planning quality management
Performing quality assurance
Controlling quality

Human resources management

Planning human resources management
Acquiring the project team
Deve