

PMI® PMP® Certification Exam Preparation

Duration: 5 Days

Description

Basic Project Management Terminology, General Concepts, Integration Management, Scope Management, Time Management, Cost Management, Quality Management, Resource Management, Communication Management, Risk Management, Supply Management and Stakeholder Management constitute the content of the training.

Participants will complete the certification training by using the skills they have acquired in these knowledge areas in the initiation, planning, implementation, control and closing processes of projects.

Delegates will learn

- Introduction to Project Management
- Project Management Knowledge Areas
- Project and Development Life Cycles
- Organizational Structures in Projects
- The Project Management Office
- Project stakeholders
- Project Manager
- Project Initiation Processes
- Planning process group
- Execution Processes
- Monitoring and Control process group
- Closing Process Group

Who Should Attend

Project stakeholders from all sectors (project sponsors, project owners and users, project team members, project managers, project leaders, planners)

Those who want to prepare for the PMI® PMP® exam

Test Engineers

Quality Assurance Specialists

Business Analysts

System Analysts

Software Specialists

Enterprise Architecture Specialists

Software Architects

Outline

Introduction to Project Management

- What is a project?
- What is Project Management?
- Why Project Management?
- Project Management Success Criteria
- Project Management Process Groups

Project Management Knowledge Areas

- Project Integration Management
- Project Scope Management
- Project Schedule Management
- Project Cost Management
- Project Quality Management
- Project Resource Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management
- Project Stakeholder Management

Project and Development Life Cycles

- Predictive life cycles.
- Repetition-Based Life Cycles
- Staged Life Cycle
- Adaptive Life Cycle

Organizational Structures in Projects

- Project-based organization

- Functional organization
- Matrix organizations
- Complicated Organization

The Project Management Office

- What is the Role of the Project Office?
- What are the Types of Project Office?

Project stakeholders

- Costumer
- Sponsor
- Source Manager
- Project Management Team
- Project Team

Project Manager

- PMI® Competence Triangle
- Project Manager Description
- Policies, Power, and Getting Jobs
- Leadership Types
- Personality Types

Project Initiation Processes

- How Do Projects Arise?
- Project Selection Methods
- Project Initiation Document Development
- Stakeholder Identification

Planning process group

- Planning Overview
- Planning Scope Management
- Collecting Requirements
- Defining Scope
- Creating Work Breakdown Structure
- Planning Schedule Management
- Defining Activities
- Sorting Activities
- Estimating Activity Periods
- Time Estimation Techniques

- Developing Schedule
- Critical path analysis
- Resource Optimization techniques
- Planning Cost Management
- Estimating Costs
- Cost Estimation Techniques
- Determining Budget
- Planning Quality Management
- Planning Resource Management
- Estimating Activity Resources
- Planning Communications Management
- Estimating Risk Management
- Defining Risks
- Performing Qualitative Risk Analysis
- Performing Quantitative Risk Analysis
- Planning Risk Responses
- Planning Procurement Management
- Agreement Types
- Planning Stakeholder Engagement
- Developing Project Management Plan

Execution Processes

- Managing Quality
- Provision of Resources
- Team Development
- Managing the Team
- Managing Communications
- Implementing Risk Responses
- Performing Procurements
- Managing Stakeholder Engagement
- Directing and Managing Project Work
- Managing Project Knowledge

Monitoring and Control process group

- Monitoring and Control Project Work
- Performing Integrated Change Control
- Validating Scope
- Control Scope
- Control Schedule

- Control Costs
- Earned Value Analysis
- Performance Reporting
- Control Quality
- Control Resources
- Monitoring Communications
- Monitoring Risks
- Control Procurements
- Control Stakeholder Engagement

Closing Process Group

- Project or Phase Closing

Prerequisites

To have a minimum of 4,500 hours of experience in projects.