

# PMI® PMP® Project Management Methodology Processes And Concepts

## Description

It aims to teach techniques in all areas of project management and to develop project managers. At the end of the training, the participants will learn the planning and control methods of the techniques required for management at all project stages (time, cost, quality, human resources, customer satisfaction, risk, etc.).

In this methodology and practice-oriented training program, it is aimed to teach the basic processes and applications of project management. Training will be based on PMI® (Project Management Institute®) standards.

### **Delegates will learn how to:**

- Introduction to Project Management
- 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 will professionally perform the Project Management profession / speciality

Those who want to acquire a new profession

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Those who want to gain deep knowledge about Project Management

Test Engineers

Quality Assurance Specialists

Business Analysts

System Analysts

Software Specialists

Institutional Architecture Specialists

Software Architects

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## Outline

### **Introduction to Project Management**

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

### **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?

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- What are the Types of Project Office?

## **Project stakeholders**

- Customer
- Sponsor
- Project management team
- Project Team

## **Project Manager**

- PMI® Competence Triangle
- The Job Description of a Project Manager

## **Project Initiation Processes**

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

## **Planning Process Group**

- Collecting Requirements
- Defining Scope
- Creating Work Breakdown Structure
- Define Activities
- Sequence Activities
- Estimate Activity Durations
- Develop Schedule
- Estimate Costs
- Determine Budget
- Planning Quality Management
- Planning Resource Management
- Estimating Activity Resources
- Planning Communications Management
- Defining Risks
- Performing Qualitative Risk Analysis
- Performing Quantitative Risk Analysis
- Planning Risk Responses

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- Planning Procurement Management
- 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
- Control Quality
- Control Resources
- Monitoring Communications
- Control Risks
- Control Procurements
- Control Stakeholder Engagement

## **Closing Process Group**

- Project or Phase Closing

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## Prerequisites

There are no prerequisites for this course.