



PMP Training

Training Topics

Chapter 1

- Introduction to PMP
- Objectives of PMP
- Requirements for PMP Exam
- About PMP Exam
- PMP Exam Syllabus

Chapter 2

- Objectives of Project Management Framework
- What is Project
- What are the Characteristics Of Project
- What is Project Management
- Activities involved Project Management
- What is Program Management
- Features Of Program management
- What is Portfolio Management
- Relationship Between Portfolios, Programs and Project
- What is Program Management Office
- Managing The Triple Constraints
- Stakeholder
- Stakeholder Management
- What is Organization Structure
- Functional Organization
- Projected organization



- Matrix Organization
- Pros & Cons Of Organizational Structures
- Project Lifecycle against Product Life Cycle
- Project Life Cycle

Chapter 3

- Objectives of Project Management Process
- Project Life Cycle against Project Management Process
- Project Management and Process Groups
- Process Group Interactions
- Project Management and Process Groups

Chapter 4

- Project Integration Management Objectives
- Project Management Process Map
- Project Integration Management
- Role Of Project Manager, Team, And Sponsor
- Project Selection Methods
- Project Integration Management Processes
- Reading A Process Diagram
- Develop Project Charter
- Develop Project Management Plan
- Key Terms
- Direct And Manage Project Work
- Monitor And Control Project Work
- Perform Integrated Change Control
- Change Management Process



- Business Scenario Problem Statement
- Close Project Or Phase
- Business Scenario Problem Statement

Chapter 5

- Project Scope Management Objectives
- Project Management Process Map
- Project Scope Management
- Project Scope Management Activities
- Product Scope Vs. Project Scope
- Key Terms
- WBS
- WBS – Example
- Project Scope Management Processes
- Plan Scope Management
- Collect Requirements
- Business Scenario-Problem Statement
- Group Creativity Techniques
- Group Decision-Making Techniques
- Requirements Traceability Matrix
- What is Scope
- How to Create WBS
- How to Validate Scope
- How to Control Scope
- Business Scenario-Problem Statement



Chapter 6

- Project Time Management Objectives
- Project Management Process Map
- Project Time Management
- Project Time Management Activities
- Project Schedule
- Gantt chart
- Gantt Chart-Relationships
- Gantt Chart-Dependencies
- Network Diagram
- Network Diagram-Example
- Key Terms
- Project Time Management Processes
- Plan Schedule Management
- Define Activities
- Sequence Activities
- Estimate Activity Resources
- Estimate Activity Durations
- Business Scenario Problem Statement
- How to Develop Schedule
- Schedule Network Analysis
- Program Evaluation and Review Technique
- PERT-Example
- Critical Path Method
- Calculation Of Float
- Critical Path-Example
- Schedule Compression



- Schedule Compression-Example
- Impact Of Schedule Compression
- Other Scheduling Techniques
- What is Control Schedule
- Business Scenario-Problem Statement

Chapter 7

- Project Cost Management Objectives
- Project Management Process Map
- Project Cost Management
- What is Cost Management Plan
- Control Account
- Project Cost Management Processes
- Plan Cost Management
- How to Estimate Costs
- Determine Budget
- Control Costs
- Earned Value Management
- Planned Value Example
- Earned Value Formulae
- Business Scenario Problem Statement
- Earned Value Management Example
- Key Terms



Chapter 8

- Project Quality Management Objectives
- Project Management Process Map
- Quality
- Quality Related Terms
- Optimal Level of Quality
- Quality Management
- Quality Planning Vs Quality Assurance Vs Quality Control
- Quality Management Concepts
- Cost of Quality
- Project Quality Management Processes
- Plan Quality Management
- Perform Quality Assurance
- What is Control Quality
- Business Scenario Problem Statement
- What are the Seven Basic Quality Tools
- What is Six Sigma
- Six Sigma–Example

Chapter 9

- Project Human Resource Management Objectives
- Project Management Process Map
- Project Human Resource Management
- Functional Manager Vs. Project Manager
- Project Human Resource Management Processes
- Plan Human Resource Management
- Organization Charts And Role Descriptions



- Resource Histogram
- How to Acquire Project Team
- How to Develop Project Team
- How to Manage Project Team
- Team Dynamics
- What is Conflict Management
- What are the Conflict Resolution Techniques
- Business Scenario Problem Statement
- Powers Of The Project Manager
- Business Scenario Problem Statement
- Organizational Theories
- Leadership Styles
- McKinney's 7-s Framework

Chapter 10

- Project Communications Management Objectives
- Project Management Process Map
- Communication
- Communication Methods
- Communication Technology
- Communication Channels
- Basic Communication Model
- Project Communications Management
- Project Communication Management Processes
- Plan Communications Management
- Business Scenario Problem Statement



- Manage Communications
- Control Communications
- Business Scenario Problem Statement

Chapter 11

- Project Risk Management Objectives
- Project Management Process Map
- What is Risk
- Key Terms
- How to Calculate the Risk
- Calculation Of Risk Example
- Risk Categorization
- What is Decision Tree
- Risk Reserve
- Project Risk Management
- Business Scenario Problem Statement
- Project Risk Management Processes
- Plan Risk Management
- Definition Of Impact Scale Example
- Identify Risks
- Perform Qualitative Risk Analysis
- Probability And Impact Matrix Example
- Perform Quantitative Risk Analysis
- Plan Risk Responses
- Control Risks



Chapter 12

- Project Procurement Management Objectives
- Project Management Process Map
- Contract
- Characteristics of a Contract
- Centralized vs. Decentralized Contracting
- Types of Contract
- Business Scenario Problem Statement
- Types of Contract – Advantages and Disadvantages
- Key Terms
- Project Procurement Management
- Project Procurement Management Processes
- Plan Procurement Management
- Conduct Procurements
- Control Procurements
- Close Procurements

Chapter 13

- Project Stakeholder Management Objectives
- Project Management Process Map
- Stakeholders
- Classification Models for Stakeholder Analysis
- Stakeholder Engagement Assessment Matrix
- Stakeholder Management Skills
- Project Stakeholder Management Processes
- Identify Stakeholders



- Plan Stakeholder Management
- Manage Stakeholder Engagement
- Control Stakeholder Engagement

Chapter 14

- Process Group View Objectives
- Project Management Process
- Process Group Interactions
- Initiating Processes
- Planning Processes
- Executing Processes
- Monitoring and Controlling Processes
- Closing Processes
- Important Data Flows in Project Management

Chapter 15

- Professional and Social Responsibility Objectives
- Ensuring Individual Integrity
- Business Scenario-Problem Statement
- Contributing to the Project Management Knowledge Base
- Enhancing Professional Competence
- Business Scenario-Problem Statement
- Promoting Stakeholder Collaboration
- Business Scenario-Problem Statement