

CETPA INFOTECH PVT. LTD.
CURRICULUM OF PMP PREP

Duration:

- Introduction
- Agenda
- What is PMP and PMI
- Pre-requisite for PMP Exam
- About the PMP Exam
- PMP Exam Syllabus

Project Management Framework

- ❖ Introduction
- ❖ Agenda
- ❖ Definition of a Project
- ❖ What is Project Management?
- ❖ What is Program Management?
- ❖ What is Portfolio Management?
- ❖ Project Management Office (PMO)
- ❖ The Triple Constraints
- ❖ Stakeholder Management
- ❖ Organization Structure
- ❖ Project Life Cycle vs. Product Life Cycle

Project Management Process

- ❖ Introduction
- ❖ Agenda
- ❖ Project Life Cycle vs Project Management Process
- ❖ The Five Project Management Process Groups
- ❖ Process Groups, Knowledge Areas and Project Management process Mapping
- ❖ What happens in Each Process Groups

Project Integration Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Project Integration Management

- ❖ The Key role of Project Manager, Project Team and Project Sponsor
- ❖ Project Selection Methods
- ❖ The Integration Management Knowledge Area
- ❖
- ❖ Develop Project Charter
- ❖ Develop Project Management Plan
- ❖ Direct and Manage Project Execution
- ❖ Monitor & Control Project work
- ❖ Perform Integrated Change Control
- ❖ Close Project or Phase

Project Scope Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Project Scope Management
- ❖ Product Scope vs. Project Scope
- ❖ The Key terms in Project Scope Management
- ❖ The Project Scope Management Processes
- ❖ Collect Requirements
- ❖ Define Scope
- ❖ Create WBS
- ❖ Verify Scope
- ❖ Control Scope

Project Time Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Project Time Management
- ❖ What is Project Schedule
- ❖ The Key terms in Project Time Management
- ❖ The Project Time Management Processes
- ❖ Define Activities
- ❖ Sequence Activities
- ❖ Estimate Activity Resources

- ❖ Estimate Activity Durations
- ❖ Develop Schedule
- ❖ Control Schedule
- ❖ Schedule Network Analysis Techniques

Project Cost Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Project Cost Management
- ❖ Difference Between Cost Estimating and Cost Budgeting
- ❖ Control Account
- ❖ The Project Cost Management Processes
- ❖ Estimate Costs
- ❖ Determine Budget
- ❖ Control Costs
- ❖ Earned Value Management
- ❖ Project Selection Methods

Project Quality Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Quality Management?
- ❖ Cost of Quality
- ❖ The Project Quality Management Processes
- ❖ Plan Quality
- ❖ Perform Quality Assurance
- ❖ Perform Quality Control
- ❖ Seven Basic tools of Quality
- ❖ Introduction to Six Sigma

Project Human Resource Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Human Resource Management
- ❖ Roles and Responsibilities of the Project Sponsor
- ❖ Functional Manager vs. Project Manager

- ❖ The Project Human Resource Management Processes
- ❖ Develop Human Resource Plan
- ❖ Acquire Project Team
- ❖ Develop Project Team
- ❖ Manage Project Team
- ❖ Conflict Management
- ❖ Powers of Project Manager
- ❖ Motivation Theory

Project Communication Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Communication
- ❖ Communication Methods, Technology and Channels
- ❖ Basic Communication Model
- ❖ The Communication Management Knowledge Area
- ❖ Identify Stakeholders
- ❖ Plan Communications
- ❖ Distribute Information
- ❖ Manage Stakeholder Expectations
- ❖ Report Performance

Project Risk Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is Risk
- ❖ How is risk calculated
- ❖ Risk Categorization
- ❖ Decision Tree
- ❖ Risk Reserve
- ❖ The Risk Management Knowledge Area
- ❖ Plan Risk Management
- ❖ Identify Risk
- ❖ Perform Qualitative Risk Analysis
- ❖ Perform Quantitative Risk Analysis
- ❖ Plan Risk Responses

Project Procurement Management

- ❖ Introduction
- ❖ Agenda
- ❖ What is a Contract
- ❖ Centralized vs. Decentralized contracting
- ❖ Different Types of Contract
- ❖ Key terms in Procurement Management
- ❖ The Procurement Management Knowledge Area
- ❖ Plan Procurements
- ❖ Conduct Procurements
- ❖ Administer Procurements
- ❖ Close Procurements

Professional and Social Responsibility

- ❖ Introduction
- ❖ Agenda
- ❖ Ensure Individual Integrity
- ❖ Contribute to Project Management Knowledge Base
- ❖ Enhance self Professional competence
- ❖ Promote Stakeholder collaboration