Project Management Professional

An introduction to PMP® Certification Course

• What is PMI® & PMBOK® Guide?
• Evolution of the Project Management Institute
• Certifications offered by the PMI®
• PMI® contact resources
• What is PMP®?
• Prerequisites for the PMP® Exam
• PMP® Exam Syllabus
• How is the PMP® Exam Structured?

Project Management Framework

• Definition of a Project
• What is Project Management?
• What is Operations Management?
• What is Program Management?
• What is Portfolio Management?
• Project Management Office (PMO)
• Portfolio, Program, Project – A High Level View
• Mission, Vision, Goal, Strategy, Objective and Tactic
• Organizational Strategy
• Project's Link with Organizational Strategy
• Strategic Alignment of Projects
• Business Benefits
• Benefits Realization
• Business Value
• Constraints
• Organizational Systems
• Enterprise Environmental Factors
• Organizational Process Assets
• Project Life Cycle vs. Product Life Cycle
• Role of a Project Manager

Project Management Processes

• Project Life Cycle Overview
• Project Life Cycle vs. Project Management process
• Stakeholders
• Key Stakeholders
• Process Groups and Knowledge Areas
• Inputs/outputs of the 49 Project Management processes
• Organizational influences on Project Management

Project Integration Management

• What is Project Integration Management?
• Role of project team
• Role of project sponsor
• Project selection methods
• Project charter and role of project manager in charter development
• Lessons learned for continuous improvement
• Project Integration Management Knowledge Area Processes

Project Scope Management

• What is Project Scope Management?
• Product Scope vs. Project Scope
• Project Scope Management Knowledge Area Processes

Project Schedule Management

• What is Project Schedule Management?
• What is Project Schedule?
• Gantt Charts
• Network Diagram
• Estimation
• Schedule Network Analysis Techniques
• PERT, PERT Analysis, Critical Path Method and Schedule Compression
• Project Schedule Management Knowledge Area Processes

Project Cost Management

• What is Project Cost Management?
• Differentiate between Cost Estimating and Cost Budgeting
• Key Terminology in Project Cost Management
• Earned Value Technique
• Project Cost Management Knowledge Area Processes

Project Quality Management

• What is Quality?
• What is Quality Management?
• Cost of Quality
• Seven Basic Tools of Quality
• Project Quality Management Knowledge Area Processes

Project Resource Management

• What is Resource Management?
• Roles and Responsibilities of the Project Sponsor
• Functional Manager vs. Project Manager
• Conflict Management
• Motivation Theory
• Project Resource Management Knowledge Area Processes

Project Communications Management

• What is Communication?
• Communication Methods, Technology and Channels
• Basic Communication Model
• Key Terminology in Project Communication Management
• Project Communication Management Knowledge Area Processes

Project Risk Management

• What is Risk?
• Project Management Risks
• How is Risk & EMV calculated?
• Risk Classification
• Decision Tree Analysis

• Risk Reserve & Contingency Reserve
• Key Terminology in Project Risk Management
• Project Risk Management Knowledge Area processes

Project Procurement Management

• What is a Contract?
• Different Types of Contracts
• Advantages and Disadvantages of contract types
• Key Terminology in Project Procurement Management

- Project Procurement Management Knowledge Area Processes

Project Stakeholder Management

• Who is a Stakeholder?
• Stakeholder Register
• Various Analytical Techniques for Stakeholder Analysis
• Managing stakeholder engagement and relationship
• Key Terminology in Project Stakeholder Management
• Project Stakeholder Management Knowledge Area Processes

Ethics & Professional Conduct

• PMI's Code of Ethics and Professional Conduct
• Vision and purpose of the Code
• To whom does the Code apply?
• Structure of the Code
• Aspirational and Mandatory Conduct
• Responsibility and Ethics Complaints
• Description of Respect, Fairness and Honesty

PMP® Examination Tips and Tricks

• PMP® - Example Questions Formats
• PMP® - Tricky Test Questions
• Exam Tips and Tricks