

Detailed Topics for PMP Exam Workshop

6th addition PMBOK 2017

Instructor-Led Online course outline

Session I

- **Introduction to PMI and PMP exam**
 - PMI as an organization
 - Overview of the course and its delivery schedule
 - Topic covered in the exam
 - PMI approach to exam questions
 - Review of requirement for writing the exam
 - Qualification review
 - Application review
- **Individual Study Plan Preparation**
 - Prepare a Project Charter for your study project
 - Prepare a detailed Study Plan
 - PEI provides support beyond the course time frame for 3 additional months

Session II

- **How to answer multiple choice questions**
 - Exam Qualification
 - Exam format and timing and examples
 - Passing requirements
 - Edmonton testing facility
 - Study guide and strategies
 - Types of questions and how to answer them

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Session III

- **Project Integration**
 - What is integration
 - Who is responsible for integration effort
 - Organizational Process Assets
 - Enterprise Environmental Factors
 - Integration Terminology
 - Detailed coverage of key terms
 - PMI integration processes
 1. Develop project charter
 2. Develop project management plan
 3. Direct and manage project execution
 4. Manage project knowledge
 5. Monitor and control project work
 6. Perform integrated change control
 7. Close project or phase
 - Sample exam questions c/w answers and analysis

Session IV

- **Professional Responsibilities**
 - What is professional responsibility?
 - Components of professional responsibility
 - Professional and Social Responsibility
 - Code of Ethics and Professional Conduct
 - Responsibility
 - Respect
 - Fairness
 - Honesty
 - Professional and Social Responsibility Terminology
 - Sample exam questions c/w answers and analysis

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Session V

- **Project Scope Management**
 - Scope definition
 - Requirement collection for real projects
 - In scope /out of scope
 - Product and project scope
 - Full coverage of Work Breakdown Structures
 - Detailed coverage of key terms
 - PMI scope management plan processes
 1. Plan scope management
 2. Collect requirements
 3. Define scope
 4. Create WBS
 5. Validate scope
 6. Control scope
 - Sample exam questions c/w answers and analysis

Session VI

- **Project Quality Management**
 - Definition of quality
 - Quality concepts
 - Grade X grade
 - Quality approaches(control model, modern model)
 - Impact of quality
 - Product quality and project quality
 - Modern approach to quality
 - Cost of quality
 - Why we should measure quality
 - Detailed coverage of key terms
 - Detailed coverage of related PMI processes
 - Plan quality management
 - Manage quality
 - Control quality

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- Sample exam questions c/w answers and analysis

Session VII

- **Project Human Resource Management**
 - Roles and Responsibilities of Project team members
 - Types of Organizations
 - Management and Leadership skills
 - Management styles and Power sources
 - PMI HR Processes
 1. Plan HR management
 2. Estimate Activity resources
 3. Acquire resources
 4. Develop team
 5. Manage team
 6. Control resources
 - Sample exam questions c/w answers and analysis

Session VIII

- **Project Communications Management**
 - Communication definition
 - Communication barriers, filters and blockers
 - Communication skills
 - Verbal and non-verbal communication
 - Listening skills/feedback
 - Conflict Resolution/ negotiation/ problem solving
 - Lines of communications? Networking
 - Detailed coverage of key terms
 - Communication processes
 1. Plan communication management
 2. Manage communications
 3. Monitor communications
 - Sample exam questions c/w answers and analysis

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- **Project Stakeholder management**

- Definitions
- Stakeholders management processes
 1. Identify stakeholders
 2. Plan stakeholders engagement
 3. Manage stakeholders engagement
 4. MonitorControl stakeholders engagement

Session IX

- **Project Procurement Management**

- Types of contracts
- Risk analysis of contracts
- Make or buy analysis
- Procurement Formulas and Variables
- Procurement Terminology
- Detailed coverage of key terms
- PMI Procurement processes
 1. Plan procurements
 2. Conduct procurements
 3. Control procurements
 4. Close procurements
- Sample exam questions c/w answers and analysis

Session X

- **Project schedule management**

- Detailed coverage of key terms
- Time dependencies
- Types of schedules covered in the exam
- PMI Time management plan processes
 1. Plan schedule management
 2. Define Activities
 3. Sequence activities
 4. Estimate activity durations
 5. Develop schedule

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6. Control schedule

- Sample exam questions c/w answers and analysis

Session XI

● **Project Risk Management**

- What is risk
- Positive and negative risks
- Types of risks
- Risk and uncertainty
- Risk Soft issues
- When can you take risk
- Detailed coverage of key terms
- PMI risk Processes
 1. Plan risk management
 2. Identify risks
 3. Perform qualitative risk analysis
 4. Perform quantitative risk analysis
 5. Plan risk responses
 6. Implement risk response
 7. Monitor risks
- Sample exam questions c/w answers and analysis

Session XII

● **Project Cost Management**

- Types of cost
- Cost-Based Project Selection Techniques
- Future Value, Present Value and Expected Present Value
- Types of Depreciation
- Life Cycle Cost
- Contingency calculations
- Earned Value management
- Detailed coverage of cost estimating tools
- Detailed coverage of key terms

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- PMI cost management processes
 1. Plan cost management
 2. Estimate costs
 3. Determine budget
 4. Control costs
- Sample exam questions c/w answers and analysis