

PMP Certification: Advanced PMBOK 2004 Topics

3 days

Description

This ILT Series course will help prepare project managers for the PMP Certification exam. Students will learn how to develop a project charter, a scope statement, a project management plan, and a project schedule. They will discuss methods for estimating activity durations, project costs, and potential project risks. They will also discuss team development and contract management techniques. They will review how to monitor and control a project once it begins. Finally, they will review the process for closing a project, and discuss the guidelines for professional and social responsibilities as they relate to project management.

Prerequisites

- *PMP Certification: Project Management Basics is recommended*

Course Outline

Unit 1: Project initiation

Topic A: Needs and demands identification
Topic B: Project charter development
Topic C: Preliminary project scope statement

Unit 2: Scope planning

Topic A: Project management plan development
Topic B: Project scope planning
Topic C: Scope definition
Topic D: Work breakdown structure

Unit 3: Time planning

Topic A: Activity definition
Topic B: Activity sequencing
Topic C: Activity resource estimating
Topic D: Activity duration estimating
Topic E: Schedule development

Unit 4: Cost and human resource planning

Topic A: Cost estimating
Topic B: Cost budgeting
Topic C: Human resource planning

Unit 5: Quality and communications planning

Topic A: Quality planning
Topic B: Communications planning

Unit 6: Risk planning

Topic A: Risk management planning
Topic B: Risk identification
Topic C: Qualitative risk analysis
Topic D: Quantitative risk analysis
Topic E: Risk response planning

Unit 7: Procurement planning

Topic A: Purchase and acquisition planning
Topic B: Plan contracting

Unit 8: Project team acquisition and development

Topic A: Project team acquisition
Topic B: Project team development
Topic C: Information distribution

Unit 9: Project work management

Topic A: Quality assurance
Topic B: Seller response requisition
Topic C: Seller selection
Topic D: Directing and managing project execution

Unit 10: Project and scope monitoring and control

Topic A: Project work monitoring and control
Topic B: Quality control
Topic C: Scope verification
Topic D: Scope control

Unit 11: Change monitoring and control

Topic A: Integrated change control

Topic B: Schedule monitoring and control

Topic C: Cost monitoring and control

Topic D: Risk monitoring and control

Unit 12: Performance monitoring and control

Topic A: Project team management

Topic B: Performance reporting

Topic C: Stakeholder management

Topic D: Contract administration

Unit 13: Project closure

Topic A: Administrative project closure

Topic B: Contract closure

Unit 14: Professional and social responsibilities

Topic A: Responsibilities to the project and organization

Appendix A: Case study

Topic A: The Outlander Spices Corporation project

Topic B: Planning the project

Topic C: Executing the project