

1-800-ROI-9877

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Course 170:
Project Management Professional (PMP):
Certification Preparation
(4 days)

Course Description...

Successful Project Management is dependent on highly trained professional project managers. The Project Management Institute (PMI) developed a certification process that is the de facto vehicle to insure that project managers have the requisite skills and experience to achieve the critical elements of project cost, schedule and scope. This course prepares the experienced as well as the new project manager to pass the 4-hour PMI examination for the Project Management Professional (PMP) certification.

Learning Objectives...

- Prepare to pass the PMP exam
- PMBOK overview
- Project Lifecycle
- Project Management Processes
- Project Management Knowledge Groups
- Project Management Professional Examination
- Introduction to Program Management
- Introduction to Portfolio Management

Who should attend...

- Experienced Project Managers preparing to take the PMP certification exam.

Prerequisites (successful completion of one of the following courses)...

- Course 150F, Technology Project Management Essentials
- Course 150L, The Business Role in the Technology Project Standards
- Course 150B, Project Management using TPS
- Course 150T, FRIT Project Management using TPS

Special note...

To be eligible for the CAPM or PMP certification, you must first meet specific education and experience requirements. Visit the PMI website (www.pmi.org) for details.

See next page for a detailed course outline...



Course Topics...

Unit 1: The Project in Context

- What is a project?
- The Project Manager
- The PMI and PMP
- Overview of the PMBOK
 - Process Groups
 - Knowledge Areas
 - Artifacts and Tools

Unit 2: The Project Life Cycle

- PMBOK model
- Other models
 - Public Sector Examples
 - Private Sector Examples

Unit 3: Project Management Process Groups

- Initiating Processes
- Planning Processes
- Executing Processes
- Controlling Processes
- Closing Processes
- Relationship of PM Process Groups and the Project Life Cycle
- Practice Examination

Unit 4: Project Management Knowledge Areas- Integration Management

- Integration management during the initiating processes
- Integration management during the planning processes
- Integration management during the executing processes
- Integration management during the controlling processes
- Integration management during the closing processes
- Practice Examination

Unit 5: Project Management Knowledge Areas- Scope Management

- Scope management during the planning processes
- Scope management during the controlling processes
- Practice Examination

Unit 6: Project Management Knowledge Areas- Time Management

- Time management during the planning processes
- Time management during the controlling processes
- Practice Examination

Unit 7: Project Management Knowledge Areas- Cost Management

- Cost management during the planning processes
- Cost management during the controlling processes
- Practice Examination



Unit 8: Project Management Knowledge Areas- Risk Management

Risk management during the planning processes
Risk management during the controlling processes
Practice Examination

Unit 9: Project Management Knowledge Areas- Quality Management

Quality management during the planning processes
Quality management during the executing processes
Quality management during the controlling processes
Practice Examination

Unit 10: Project Management Knowledge Areas- Communications Management

Communications management during the planning processes
Communications management during the executing processes
Communications management during the controlling processes
Practice Examination

Unit 11: Project Management Knowledge Areas- Human Resources Management

Human Resources management during the planning processes
Human Resources management during the executing processes
Human Resources management during the controlling processes
Practice Examination

Unit 12: Project Management Knowledge Areas- Procurement Management

Procurement management during the planning processes
Procurement management during the executing processes
Procurement management during the controlling processes
Procurement management during the closing processes
Practice Examination

Unit 13: Special Emphasis Areas

Earned Value Management
Ethics and Professional Development
Where to go for more information

Unit 14: Project Management Practice Examination

Examination Tips and Techniques
Practice Examination
Results Analysis