

COURSE PROFILE: INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Title	Information Technology Project Management
Length	5 Days
Description	The IT Project Management course provides practical lessons in project management for both students and practitioners. This course combines both theories and practical examples. It provides an understandable, integrated view of the many concepts, skills, tools and techniques involved in IT project management. In addition, the IT Project Management course will help project managers prepare for the Project Management Professional certification exam.
Target Audience	This course targets project managers, system analyst, managers, and others who want to improve or develop their project management skills.
Prerequisites	None
Learning Objectives	<p>The students will be able to:</p> <ul style="list-style-type: none"> • identify the elements of a project; and discuss key elements of the project management framework as they relate to information technology, • describe the processes involved in project integration management and project scope management, • describe the various tools and techniques used to develop project schedules, • describe how resource planning, cost estimating, and cost control relate to overall project cost management, • explain the main processes of project quality management and human resource management, • identify the key aspects of project communications management and the processes relevant to project risk management, • identify the project management planning processes and outputs and explain the executing processes and outputs, and • describe the controlling and closing processes.
Course Material	<p>Each Student will receive the following material:</p> <ul style="list-style-type: none"> • Information Technology Project Management textbook that includes a trial version of Microsoft Project • IT Project Management Student Manual
Cost	<p>Our all inclusive local onsite fee for up to 15 students is \$13,600.00*</p> <p>*Effective Date: 01/01/2010. This price does not include travel outside the Baltimore, MD or District of Columbia area.</p>

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Course Content

Unit 1: Project Management(PM): Introduction, Contexts and Processes

- **Topic A:** Introduction to project management
 - What is a project?
 - Who are the project stakeholders?
 - Project constraints
 - PM knowledge areas
 - PM tools and techniques
- **Topic B:** The project management profession
 - History of PM
 - PM certification
 - Code of ethics
- **Topic C:** A systems view of Project Management
- **Topic D:** Understanding organizations

Unit 2: Project Integration and Scope Management

- **Topic A:** Project integration management
- **Topic B:** Project scope management
- **Topic C:** Scope planning and scope statement

Unit 3: Project Time and Cost Management

- **Topic A:** Importance of project schedules
- **Topic B:** Schedule development
- **Topic C:** Project cost management

Unit 4 Project Quality and Human Resource Management

- **Topic A:** What is project quality management?
- **Topic B:** Project human resource management

Unit 5: Project Communications and Risk management

- **Topic A:** Project communications management
- **Topic B:** Risk management
- **Topic C:** Project risk management

Unit 6: Procurement Management and Initiating

- **Topic A:** Procurement management
- **Topic B:** Initiating

Unit 7: Planning and Executing

- **Topic A:** Project planning
- **Topic B:** Project execution

Unit 8: Controlling and Closing

- **Topic A:** Controlling projects
- **Topic B:** Closing projects

Unit 9: Intro to Microsoft Project and PMP Certification

Unit 10: Organization Specific Material