

# Applied Software Project Management

"Effective practice in managing SW Projects"

**Course #: IT0610**

**Earned PDU: 35 PDU**

**Duration: 5 Days**

## Overview:

*Software project management* is the art and science of planning and leading software projects. It requires knowledge of the entire software development lifecycle: defining the vision, planning the tasks, gathering the people who will do the work, estimating the effort, creating the schedule, overseeing the work, gathering the requirements, designing and programming the software, and testing the end product. Throughout the process, there are many team members who are responsible for these tasks; the project manager needs to have enough knowledge of their work to make sure the project is staying on track. This course is designed in order to empower the SW project managers with tools, techniques and practices in order to successfully complete their projects on time, within budget and meeting customer satisfactions.

<ul style="list-style-type: none"><li>• The course will provide you with the tools, techniques, and practices that you can use on your own software projects management right away.</li><li>• You will know the information you need to diagnose your team's situation and deliver an effective assessment with outstanding efficient results.</li><li>• The course will present practical advices to help you achieve your goal of building better software.</li></ul>	<ul style="list-style-type: none"><li>• Participants will learn about the following topics:<ul style="list-style-type: none"><li>✓ Planning a software project</li><li>✓ Helping a team estimate its workload</li><li>✓ Building a schedule</li><li>✓ Gathering software requirements and creating use cases</li><li>✓ Improving programming with re-factoring, unit testing, and version control</li><li>✓ Managing an outsourced project</li><li>✓ Testing software</li></ul></li></ul>
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## Objectives:

The Course describes specific tools, techniques, and practices that a project manager needs to put in place in order to run a software project or fix an ailing one. This book can be used to diagnose and fix the most serious problems that plague software projects. The course main objectives are to enable participants:

- ✓ To Define the scope of work for the project
- ✓ To Estimate the effort required to do the work and schedule the project
- ✓ To Conduct thorough reviews of documents and code
- ✓ To Gather software requirements and create specifications
- ✓ To Effectively manage the design, programming, and testing of the software
- ✓ To Provide guidance if your project runs into quality problems
- ✓ To Manage an outsourced project
- ✓ To Make effective changes to the way projects are run in your organization
- ✓ To lead and manage the project effectively

## Who Should Attend?

Project managers, team members, project engineers, design engineers, project leaders, industrial engineers, program managers, programmer, designer, business analysts, architect, testers, quality assurance, SW consultants, functional managers, information technology professionals, and all Individuals who works with software development projects.

## Course Materials:

- Comprehensive Course-In-Book Training Study Slides
- Applied Software Project Management e-Book
- Bonus Reading Materials:
  - Project Management Primer eBook
  - Project Management PMP Crosswords games Text Book
- Completion Certificate (35 Contact Hours)

**Course Fees: USD 1,950**

**Schedule:** [www.pmctquest.com/schedule.html](http://www.pmctquest.com/schedule.html)