Quality Management and Project Integration

Course Summary

Description

It is tempting to consider sacrificing the quality of an IT project for time and cost considerations. However, in this competitive environment, project quality management is a do-or-die business reality. Quality Management and Project Integration reviews the importance of quality in every IT project and explores methods to integrate the plan to ensure delivery of the needed level of quality. Through group discussion, workshops and real world examples, participants will be introduced to tools and techniques to ensure project quality.

Objectives

At the completion of this course, students will be able to:

- Understand basic quality methods and using them on IT projects
- Recognize the relationship between requirements and project quality
- Understand that customer satisfaction and project success are related directly to project quality
- Identify components of an integrated project plan
- Understand why project integration is important to project success

Topics

- Quality Management Concepts
- Project Requirements
- Other Factors that Affect Project Quality
- Project Integration

Audience

This course is designed for project managers in the Information Technology industry need to become better project managers.

Prerequisites

There are no prerequisites for this course.

Duration

One and ½ Days

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Course Outline

I. Overview
- A. Introduction to Project Quality
- B. Quality and the Project Management Lifecycle
- C. Quality and the System Development Lifecycle

II. Quality Management concepts
- A. Quality awareness and planning
- B. Quality and Project Control
- C. The cost of quality

III. Project requirements
- A. How requirements impact project quality
- B. Techniques to ensure complete requirements
- C. Requirements' management tools

IV. Other factors that affect project quality
- A. Who is involved in ensuring project quality?
- B. Testing and Training
- C. Project management ethics and professional responsibility

V. Project Integration
- A. Why is Integration important to technical projects?
- B. Components of an Integrated Project Plan
- C. Integrated change control
- D. Project Control and the Triple Constraint
- E. Integrating with other projects within the company

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