Quality Management and Project Integration

Course Summary

Description

It is tempting to consider sacrificing the quality of a project for time and cost considerations on fast-paced, technology-intensive projects. 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 project and explores methods to integrate the plan to ensure delivery of the required level of quality. Through group discussion, workshops, and real world examples, participants will be introduced to tools and techniques to ensure project quality. The level of training for this course is intermediate project management.

Objectives

After taking 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
- Project Integration
- Templates

Audience

This course is for those wanting to learn tools and techniques to ensure project quality.

Prerequisites

There are no prerequisites for this course.

Duration

Two days
14 PDUs

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Course Outline

I.   Quality Management
    A.   The benefits of quality management on projects?
    B.   Quality Assurance Through Requirements
        1.   Interviews
        2.   Collaborative work groups
    C.   Quality Control
        1.   Metrics and Measurements
        2.   Tools for Metrics
    D.   Achieving control through testing

II.   Project Integration
    A.   What is it and why is it important?
    B.   Components of an Integrated Project Plan
        1.   Creating the Change Management Plan
    C.   Project Change Management
        1.   Integrating change
        2.   Controlling change

III.   Templates
    A.   Software Requirements Outline
    B.   Integrated Test plan
    C.   Project Charter
    D.   Assumptions and Constraints Log
    E.   Issues Log
    F.   Change Management Plan
    G.   Project Change Request
    H.   Project Change Log