Unified Process Overview

This course provides an overview of the unified process. It discusses how the unified process fits into the range of development processes from structured to very flexible. The course describes the structure of the unified process including the iterative project lifecycle and its partitions into phases and iterations, use cases and architecture as key elements of the process, and roles, activities and artifacts. Management considerations, approaches to configuring and implementing a process, and pitfalls to avoid complete the overview.

Objectives:

- Provide an understanding of key aspects of the unified process
- Understand how best practices guide the process
- Understand issues in management and adoption of the unified process

Topics Covered:

- Software best practices
- Iterative process concepts, principles and variations
- Management considerations when using an iterative process
- Project implementation and configuration

Audience:

This course is designed for managers or others who need to understand Unified Process concepts.

Prerequisites:

None

Duration:

½ day
Outline:

1. Process and best practices
   - Best Practices for software development
   - Iterative process and best practices

2. Key features of the Unified Process
   - The process spectrum
   - Definition of Iterative Process
   - The evolution of software process
   - Phases and iterations
   - How disciplines cooperate in an iteration workflow
   - The change of emphasis over the lifecycle
   - The role of use cases and architecture

3. Managing an iterative process
   - Using the process
   - Mitigating risk
   - Assessing progress

4. Configuring and implementing the Unified Process
   - Factors to consider in implementation
   - Phased roll out
   - Traps to avoid