

Iterative Risk and Requirements Management Course Summary

Description

Everything the BA needs to know to support the project manager on an iterative/incremental project, with an emphasis on risk management over the course of the lifecycle. As you step through an iteratively-managed case study, you'll learn what activities to perform and what artifacts to produce at the iteration of each phase in order to effectively manage risk and the requirements as the project progresses. The course uses a non-product-specific, agile iterative lifecycle that incorporates use cases. Specific methodologies and frameworks are also discussed, including MSF, RUP, Scrum and Extreme Programming as well as traditional, waterfall approaches.

Objectives

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

- Understand the distinct roles of the Business Analyst and the Project Manager on an iterative project.
- Perform the Business Analyst role in supporting the PM on an iterative project.
- Apply a risk-based approach to requirements management over the course of an iterative project.
- Know when and how to produce key deliverables on an iteratively managed project.
- Collaborate effectively with other members of the iterative team.

Topics

- Project Management State of the Art
- System Development Life Cycles
- The role of the Project Manager in Iterative Development
- The role of the Business Analyst in Iterative Development
- Use Cases and Iterative Development
- PM and BA activities and deliverables required at each phase of iterative development
- Current iterative methodologies, including MSF, Agile, Scrum and Extreme Programming

Audience

This course is designed for IT Business Analysts and IT Project Managers.

Prerequisites

There are no prerequisites for this course.

Duration

Two days

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I. Project Management State of the Art

II. System Development Life Cycles

- A. Waterfall Model
- B. Iterative, Incremental Development
- C. Why iterative development is key to project success

III. The role of the Project Manager in Iterative Development

- A. PM role in Risk Management
- B. Key PM Deliverables

IV. The role of the Business Analyst in Iterative Development

- A. The BA's Role in Risk and Requirements Management
- B. Why well-defined requirements are key to project success
- C. Key BA Deliverables
- D. Requirements Based Software Estimation
- E. The Business Analyst in Collaboration with the team

V. PM and BA activities and deliverables required at each phase of iterative development

VI. Current iterative methodologies, including MSF, Agile, Scrum and Extreme Programming