

CRITICAL SKILLS FOR WRITING BETTER REQUIREMENTS

2 Days Classroom
3 Days Live Online

Individual: \$1295

Group: \$1195

GSA: \$1185

Credits: 14 PDUs, 14 CDUs

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COURSE OVERVIEW

This two-day course will give you hands-on experience with the latest proven techniques for gathering requirements. You'll gain a thorough understanding of the challenges faced in defining correct requirements, practical approaches for eliciting and documenting requirements, and strategies for managing requirements throughout the project life cycle. If you participate in defining project scope, capturing requirements, or managing project scope, you can't afford to miss this course!

COURSE OUTLINE

Part 1: The Business Case for Requirements Engineering

1. The goal of a project
2. Facts and figures about project success and failure
3. Types of requirements errors and their frequency
4. The high cost of requirements errors

Part 2: Foundations of Requirements Development

1. The Business Analysis Body of Knowledge
2. Definitions of terms
3. Types of requirements
4. Characteristics of well-written requirements
5. The requirements development roadmap
6. Requirements and the development life cycle
7. Enterprise analysis

Part 3: Project Initiation

1. Defining goals and objectives
2. Identifying stakeholders and user classes
3. Identifying constraints and benefits
4. Specifying exclusions
5. Modeling the system scope
6. Documenting requirements in the Initiate phase

Part 4: Eliciting Functional and Non-functional Requirements

1. Problems with requirements elicitation
2. Techniques for eliciting customer

requirements and user classes

3. Analyzing and reviewing documents and artifacts
4. Modeling processes, analyzing gaps and generating questions
5. Interviewing the stakeholders
6. Identifying data requirements

7. Establishing requirements traceability
8. Capturing the requirements

Part 5: Use Cases: A First Look

1. The benefits of use cases
2. Use case basics
3. Finding use cases
4. Building a use case model
5. Deriving requirements from a use case
6. Tracing requirements from use cases

Part 6: Reviewing and Refining Requirements

1. Writing requirements
2. Reducing ambiguity
3. Validating requirements through reviews and inspections
4. Analyzing requirements for validity, consistency and effectiveness
5. Refining requirements

See website for full outline

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