SETC Training Corporate Logo

Business Analysis Training: Requirements, Use Cases & Modeling (BA201, 4 jours)

Description

The course Requirements, Use Cases & Modeling (Business Analysis Training) is a complete study of the requirements management roles & responsibilities of a business analyst. The training focusses on techniques for high quality business requirements & use case development in the context of systems development & process engineering. The course covers functional & non-functional requirements, business & system use cases, business process models, BPMN & more. The course concludes with a discussion of the testing and data modeling disciplines in the context of the overall business development lifecycle.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Business Analysis

- Overview of Business Analysis
- Business Analysts' Roles and Responsibilities
- Key Requirements Documents
- Preparing the Business Cases
- An Introduction to Project Management
- Use Cases and the Analysis Process
- Management of Requirements and Use Cases
- The Complete Requirements Elicitation Process
- Roles and Expectations of Team Members

Project Definition and Scoping

- Choosing a Methodology
- The Rational Unified Process
- The Inception Phase
- The Elaboration Phase
- The Construction Phase
- The Transition Phase
- Agile Development

Essential Business Skills in Practice

- Facilitation Techniques
- Negotiation Techniques
- Negotiation and Decision Making: Wielding Power
- Validating and Testing Requirements

Editing and Validating Requirements in Practice

- The Requirements Shell
- The Quality Gateway
- Validating and Testing Requirements
- Editing and Rewriting Requirements
- Writing Test Cases
- The Business Requirements Document

Modeling Requirements in Practice

Process Mapping Procedure and Materials
Creating Process Maps
Alternative Graphical Models
Using a Requirement Model Diagram
Gap Analysis
Prioritizing Requirements
Business Process Modeling (BPM) in Practice
About BPM Theory
BPM Design Patterns
Basic Patterns
Branch and Join Patterns
Structural Patterns
Multiple Instances Pattern
State Based Patterns
Cancellation Patterns
A Complete Example
Use Cases in Practice
Use Cases Revisited: BUCs versus SUCs
Use Case Diagrams
Use Case Formats
Use Case Sections
When Are We Done?
Test Plans, Test Cases and Bug Reports in Practice
A Traceability Strategy for the Organization
Testing Types
The Test Plan and Test Cases
Testing Documentation
The Test Design Specification
Writing Test Cases
Test Metrics
About Defects
Preparing Test Summary Documents
Database and Data Flow Modeling
Database Normalization
Data Flow Diagrams
Using Data Flow Diagrams
The ER Diagram