



Business Analysis: Requirements Discovery and Facilitation

Course ID#: 2200-180-ZZ-Z

16 Hrs

Course Content

Course Description:

In this course, you will cover the role of the Business Analyst within the technical process of software development. Through numerous examples, it enables BAs to work more effectively with the IT team by teaching how to express business requirements in forms that IT can directly use. In the course exercises, the BAs learn to identify the business entities in the business domain, how to express these concepts in both visually and textually, and how to specify the semantic relationship among those entities.

Prerequisites

Experience in requirements gathering or systems analysis is desirable but not mandatory

Topics:

The Role of the BA

- Building a Bridge Between IT & Business
- Understanding What to Build
- Identifying the “What”
- Enable the “How”

The Landscape of Requirements

- Requirements, Features and Restraints
- Levels of Requirements
- Requirements Artifacts

Business Requirements

- Establish Vision and Scope
- Writing a Problem Statement
- Scope Artifacts
- Defining Scope: Context Diagram

User Requirements

- The “Voice of the User”
- User Categories
- Finding User Requirements
- Elicitation Techniques
- Presenting User Requirements

Functional and Non-functional Requirements

- Getting to the “Hard” Requirements
- Deriving Functional Requirements From Use Cases
- Non-functional Requirements
- Tying it All Together
- The Software Requirements Specification

Business Domain Modeling

- Static, Behavioral, Functional, Data
- UML Class Diagrams
- UML State Machine Diagrams

Identifying Risk

- Risks and Issues
- Risk Management
- Transition Indicators

Managing Requirements

- Traceability
- Change Control
- CCM Tools