



## Essentials of Business Analysis

### Module 1—Introduction to Requirements and Modeling

- Welcome and Introduction to Essentials of Business Analysis
- Business Analyst Role in Requirements
- Introduction to Business Process Modeling
- Communications—Rationale
- Business Modeling Terms and Symbols
- Introduction to Requirements
- More Than Requirements
- Requirements in Different Lifecycles
- Data Flow Diagrams
- Changing Requirements
- Control Flow Diagrams
- Requirement Defects
- Avoiding Defects Overview
- Communications—Alternative Forums

### Module 2—Before Requirements and Modeling

- Sharing a Vision
- Need, Goals, and Objectives
- Communications—Stakeholders
- Operational Concepts—What Are They?
- More About Operational Concepts
- Interfaces
- Capturing “As Is” Business View
- Moving From “As Is” to “To Be”
- Communications—Effectiveness

### Module 3—Writing Good Requirements

- Templates
- Collecting Data Requirements
- Introduction to CRUD Charts
- Affinity Analysis Using CRUD Charts
- Rules for Good Requirements
- Business Rules
- Prototypes and Mock-Ups
- Prioritizing Requirements
- Requirements Attributes
- Finding and Fixing Requirement Defects
- Avoiding Defects

Introduction to Conceptual Data Models  
Introduction to Object Oriented Models  
Communications—Verification  
Module 4—Applying What We Have Learned  
Working on the Project Team  
Putting the Process Together  
Requirements for a New Product  
Business Process Model Walk Through  
Requirements for Upgrades to an Existing Product  
Conceptual Data Model Walk Through, Part 1  
Conceptual Data Model Walk Through, Part 2  
Requirements in Large and Small Projects  
Communications in Action, Part 1  
Communications in Action, Part 2  
Communications in Action, Part 3  
Communications in Action, Part 4  
Requirements Why and What  
Exercises