



## Testing for the Business Analyst

This 2-day course is designed to explain to Business Analysts the need for testing and teach them the concepts required to plan, manage, execute, and evaluate testing outcomes in a software environment. This course is based on the Guide to the Business Analysis Body of Knowledge® version 2.0.

### LEARNING OBJECTIVES

Participants will gain practical skills to:

- Understand the importance of testing to software development and how managing testing well increases the likelihood of project success.
- Learn basic testing terms and the Testing Lifecycle.
- Be able to describe the various testing types, methods and approaches to and describe when to apply each.
- Study the relationships between the Project, Systems Development and Testing Lifecycles.
- Examine the role of the BA in testing and the relationship between BA Knowledge Areas and testing.
- Learn the various testing documents - Test Strategy, Test Plans, Use Cases, and Test Cases.
- Investigate Test and Defect Management.

### WHO SHOULD ATTEND

The *Testing for the Business Analyst* course is appropriate for individuals who are:

- Pursuing a career in Business Analysis
- Business or Information Systems managers or staff who is new to business analysis.
- Experienced Business Analysts requiring better understanding of the role, or desiring formal recognition through certification.
- Project staff or managers currently combining the Business Analyst role with other duties.
- Business staff or managers who are working in Business Analyst environments, needing to interact with project managers and business analysts.
- Preparing to write the Certified Business Analysis Professional™ (CBAP®) and require a refresher on the concepts covered in the BABOK®

### PREREQUISITE

- 4-day Comprehensive Business Analysis Seminar–Part 2

### MATERIALS

You will receive a course binder containing copies of presentation slides, case studies, exercises, and solutions.

### WHAT YOU WILL LEARN

#### Introduction

- Purpose of testing

- Real life examples
- Basic terms and definitions
- The Quality Assurance Process
- Traceability
- Measurement
- Configuration Management
- Validation & Verification
- Product Review & Inspection
- Test Categories
- Static vs. Dynamic
- Functional and Non-functional

### Testing Types & Timing

- A Project Lifecycle
- A Systems Development Lifecycle
- A Testing Lifecycle and a V Model
- The Project, Systems Development, and Testing Lifecycle Relationships
- Test Phases, Types, Approaches, Categories, Special Cases
- Phases: Unit, Integration, System, User Acceptance
- Approaches: Glass Box / Black Box
- Categories: Functional and Non-functional
- Special Cases: Usability, Regression, Smoke, Acid, Release, Operational Readiness, Service Acceptance

### Test Strategy, Planning & Management

- Testing Documentation
- The Test Strategy
- Test Plans
- Use Cases
- Test Cases
- Test Scripts
- Test Tracking
- Maintaining Traceability
- Defect Management
- Logs
- Priorities
- Test Reporting
- Post Project Reporting
- Strategy feedback
- Lessons Learned

### Testing Resources

- Environments
- Development, Testing, Staging, “Production Like”
- People
- QA Manager, Test Lead, Test Designer, Tester, Test System Administrator
- Business Analyst
- Solution Designer, Development Lead, Developer
- Operations Staff
- Client Representative, End User Testers