

Model And Document Your Project Requirements

3 Days

This course examines the role of the BA in the Requirements Analysis and Documentation Knowledge Area of the Business Analysis Body of Knowledge (BABOK). Practical tasks and techniques are presented to equip the BA with the skills and knowledge required to analyze and document accurate and complete requirements from stakeholders using numerous techniques.

This course builds upon the associated tasks and techniques introduced in its prerequisite, BA111: Core Competencies for the Business Analyst by exploring the core functions of the business analyst in the context of Requirements Analysis and Documentation, a variety of techniques for performing analysis, and ways to overcome challenges when applying these techniques in real world business situations.

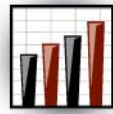
WHO SHOULD ATTEND

All participants must first attend the course's prerequisite, *BA111: Core Competencies for the Business Analyst*. The course is intended to serve several audiences and meet a variety of needs. The material in the course is directed at both the novice looking to enter the field and the self-taught veteran looking to fill gaps in his or her skills or knowledge. Individuals who perform business analysis in organizations are known by various titles including business analyst, systems analyst, business/systems analyst, functional analyst, project manager, and tester. Individuals who will benefit from this course include:

- Entry-level business analysts and their managers
- Self-taught business analysts requiring a course that fills in the gaps and puts all the pieces together
- Systems analysts and programmers interested in expanding their roles into the business area
- Quality assurance professionals
- Project managers

COURSE OBJECTIVES

- Describe the range of UML 2.0-compliant and other modeling techniques along with their challenges, benefits, and applicability in order to document requirements and enable the analysis of requirements from stakeholders.
- Describe various techniques to analyze, model, and document requirements, and implement several of these techniques, including:
 - Context diagrams
 - Use case models



- Use case descriptions
 - Workflow models
 - User requirements
 - Storyboards
 - Prototypes
 - Data models
 - Class models
 - Business rules
 - Decision tables
- Write and verify functional and quality of service requirements using unambiguous and quantifiable, measurable terms.
 - Select and prioritize appropriate models for implementation that best meet the organization's needs and adhere to known constraints.

LESSON TOPICS

- Requirements Analysis and Documentation challenges and methods to overcome them
- Context diagrams
- Use case diagrams
- Use case descriptions and scenarios
- Workflow modeling
- Activity diagrams
- User interface requirements analysis
- Usability requirements
- User interface storyboards
- Prototypes
- Data modeling
- Class modeling
- Business rules
- Quality of service requirements
- Traceability as it pertains to models
- Model selection criteria