

## Business Analysis: Essentials + exam

Duration: 3 Days Course Code: GK2919

### Overview:

In this training you'll learn the vocabulary standards and business analysis practices through the use of the IIBA A Guide to the Business Analysis Body of Knowledge (BABOK Guide). You'll understand the business analyst's role and responsibilities in a successful project. In this introductory course, you'll delve into the role and responsibilities of the business analyst (BA)- the communication link between all business areas and a critical player in project success. Learn techniques for ensuring project success every step of the way-from identifying and analyzing potential projects to making sure that the final project product meets the requirements you identified. Through hands-on exercises, you'll learn to define the scope of work and master requirements-gathering techniques that will work for a variety of projects and audiences. You'll consider the unique needs of customers, stakeholders, and the IT department as you work toward building, documenting, communicating, and managing requirements.

### Target Audience:

Systems analysts Business analysts Requirements analysts Developers Software engineers IT project managers Project managers Project analysts Project leaders, Senior project managers Team leaders Program managers Testers QA specialists

### Objectives:

- **What You'll Learn**
- Role and importance of the BA
- Vocabulary standards and business analysis practices through the use of the IIBA A Guide to the Business Analysis Body of Knowledge (BABOK Guide)
- Plan BA requirements activities
- Elicit requirements from stakeholders, with an emphasis on interviews
- Analyze stated requirements, with an overview of modeling techniques
- Document requirements for different types of projects
- Verify and validate requirements
- Elements of requirements management and communication and the BA's role in them
- Elements of solution verification and validation and possible BA roles
- Enterprise analysis: choosing appropriate projects
- Necessary competencies and best practices of BAs
- Waterfall, incremental, and agile lifecycles and how they change BA practices

### Prerequisites:

There are no prerequisites for this course.

### Testing and Certification

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### Follow-on-Courses:

GK2964, Business Analysis: Requirements Development, Documentation and Management

## Content:

### 1. Introduction to Business Analysis

- Importance of Effective Business Analysis
- Role of the BA
- Standardization and Adaptability

### 2. Requirements Planning

- Role of the BA in Requirements Planning
- Vision and Scope Document
- Types of Requirements
- Stakeholders
- Business Analysis Plan

### 3. Requirements Elicitation

- Role of the BA in Requirements Elicitation
- Investigative approach
- Iterative approach
- Techniques
- Interviews
- Focus groups
- Requirements workshop: Requirements meeting
- Requirements workshop: JAD session
- Brainstorming
- Observation
- Survey
- Prototype
- Document analysis
- Business rules analysis
- Reverse engineering
- Product trials

### 4. Requirements Analysis

- Need for Analysis
- Using Analysis to get Stakeholder Feedback and Verify and Validate Developing Requirements
- Value of Modeling Techniques in Analysis
- Modeling Techniques
- Organizational model
- Location model
- Process/flow models
- Use case models
- Data models
- State model
- Types of Requirements
- Business Rules Analysis
- Prioritizing Requirements
- Verifying and Validating Requirements

### 5. Requirements Documentation

- Formal and Informal Documentation and the, Level of Detail Required
- Writing for Usability and Comprehension
- Common Requirements Document Defects
- Components of a Formal Requirements Document
- Requirements Verification and Validation
- Requirements Sign-Off

### 6. Requirements Management and Communication

- Throughout the Project and to Decommission
- Change Management
- Define a baseline
- Define a change management process
- Identify the Change Authority
- Traceability and Its Uses
- Requirements Attributes
- Requirements Communication

### 7. Solution Validation and Acceptance

- Testing and Non-Testing Methods
- Purposes of Validation
- Find defects
- Prove compliance to requirements
- Test Cases and Test Suites
- Challenges in Testing
- Structured Testing
- Role of the BA in Solution Validation: the V Model
- Solution Acceptance and Project Close-Out

### 8. Enterprise Analysis

- Definition and Causes
- Role of the BA on the Enterprise Analysis Team
- Steps in Enterprise Analysis
- Define the business need
- Techniques for root cause analysis
- Assess capability gaps
- SWOT analysis
- Determine the solution approach
- Define the solution scope
- Define the business case
- Contents of business case
- Who does what?: the BA's limited role in developing a business case

### 9. Competencies, Best Practices, and Life Cycle Models

- Competency Proficiency
- BA Necessary Competencies
- Analytical thinking and problem solving
- Behavioral characteristics
- Business knowledge
- Communication skills
- Interaction skills
- Software application knowledge
- Best Practices
- Use iterative analysis
- Focus on process improvement
- Apply progressive elaboration
- Check as you go
- Use the investigative approach
- Adopt traceability
- Formalize business analysis through standardization
- Improve communication through modeling
- Life Cycle Models
- Waterfall
- Incremental
- Agile
- Effects on business analysis

### 10. BA Fundamentals

- Communication Skills
- Leadership Skills
- Problem-Solving Skills
- Business Knowledge
- IT Knowledge

### 11. Case Studies

### 12. Exercises

## Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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