

## **Fundamentals of Business Analysis:**

- Business Analyst Introduction
- BA – qualities, skills, roles, responsibilities
- Types of Requirements
- Stakeholder
- Business Process Modeling

## **Introduction to Domain Knowledge:**

- Domain Lists
- Domain Terminology – Client comfort
- Domain Certifications

## **IT Companies overview & BA Skills:**

- IT Companies and Hierarchical Structure
- Basic knowledge on Projects
- Risk
- Thumb Rule

## **Enterprise Analysis:**

- Business Architecture, Feasibility Studies, Project Scope,

## **SDLC Methodologies and Models:**

- Software Development Life Cycle
- Methodologies – Waterfall, Agile, Scrum, RUP

## **Requirement Process, Planning & Management:**

- What are requirements?
- Characteristics of Requirements
- Types of Requirements
- Functional & Non-Functional Requirements
- The Requirements Process
- Planning & Managing Requirements

## **Requirements Engineering:**

- Principles / Constraints / Techniques
- JAD – Joint Application Development
- Data Analysis
- Creating Models, Scenarios
- Interviewing /Brainstorming
- Reverse Engineering
- Prototyping

## **Requirements Analysis:**

- RTM - Requirements Traceability Matrix
- Change Management
- Requirements Risk Management
- Gap Analysis
- Impact Analysis

## Requirements Specifications:

- FSD / BRS / URD / BRD (Business Requirements Document)
- Writing Functional Specifications Document
- Rules, problems, use of terms, structure

## OOA & UML:

- UML 2.0 – working with use case diagrams, activity diagrams, knowledge on class, object, state,
- sequence, collaboration, component, and deployment diagrams
- Working with UML tools
- Working with UI tools

## Requirements Verification and signoff:

- Structure and Grammar, banned words
- Validations, Pre-Review, Review
- Signoff

## Tools/Documents & Validation:

- Rational Suite
- Various supporting tools
- QA, QC, Software Testing
- Types of Testing
- Testing Methods
- Testing Levels
- Testing Strategy, Planning, Test Cases