

# Indus IT Training

**Course:** BA Training Course Curriculum

**Duration:** Five Weekends -Approx. 40hrs / (Sat & Sun: 9.00a.m – 1.00p.m or 1.00p.m – 5.00p.m)

## 1. Introduction to Business Analysis

- Core Concepts of Business Analysis
- Role & Responsibilities as a Business Analyst
- Becoming a Business Analyst
- Essential Business Analysis Skills
- Business Analyst Career Road Map
- Importance of Effective Business Analysis

## 2. Object Oriented Analysis & Design (OOAD)

- What is OOAD?
- Approaches to System Analysis
- Objected-Oriented Methodologies

## 3. Software Development Life Cycle

- Introduction to SDLC
- Phases of SDLC
- Waterfall Method
- Rational Unified Process (RUP)
- Agile Methodology

**Location:** 1033 Sterling Road, Ste. 204, Herndon-VA-20170. USA.

**Ph:** 703-574-3268 **Ext:** 7019 / **Fax:** 703-935-8849 / [training@industraining.net](mailto:training@industraining.net)

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## 4. Requirements Planning & Analysis

- Overview of Requirements Elicitation/Capturing
- Requirements Eliciting/Capturing Techniques
- Different types of Requirements
- Creating different Requirements documentation\*
- Steps to Writing Better Requirements Documentation

## 5. Unified Modeling Language (UML)

- Introduction to UML
- Use Case Modeling
- Activity Diagrams
- State Chart Diagrams
- Class Diagrams
- Textual Use Cases
- *Hands on Practice on UML Tool\**

## 6. Database Design & SQL

- Introduction to Databases
- Database Design & Concepts

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- Structured Query Language (SQL)

## 7. Testing Concepts

- Introduction to Testing
- Role of a BA in Testing
- Different Testing Methods
- User Acceptance Testing (UAT)

## 8. Version Control/Repository Management

- Importance of Version Control
- How to use Version Control Tools as a BA
- *Hands on Practice on Version Control Tool\**

## 9. Software Change Management/Bug Tracking

- Software Change Management Concepts
- Importance of Defect Tracking/Bug Tracking
- Planning & Communicating change as a BA
- Software Change Request Process
- *Hands on Practice on Software Change Control Tool\**

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