

BCS Practitioner Certificate in Systems Development Essentials Course

Course Duration : 24 Hours

Course code : BCS-SDE-801

1. Course Overview

The BCS Practitioner Certificate in Systems Development Essentials Course is designed to provide professionals with a strong understanding of key principles and practices involved in systems development. This course focuses on the complete development lifecycle, helping learners understand how to design, build, test, and implement effective IT systems aligned with business needs.

2. What you'll learn?

- Fundamentals of systems development lifecycle (SDLC)
- Requirements gathering and analysis
- System design and development approaches
- Software testing and quality assurance
- Deployment and maintenance processes
- Preparation for BCS Practitioner certification exam

3. Target Audience

- Business analysts and system analysts
- Software developers and testers
- IT professionals and consultants
- Project managers and team leads
- Fresh graduates entering IT field

4. Pre-Requisites

- Basic understanding of IT systems or software development
- Familiarity with programming concepts (recommended)
- Knowledge of business processes
- BCS Foundation certification (preferred but not mandatory)

5. Course Content (Modules)

Module 1: Introduction to Systems Development

- Overview of systems development
- Role of SDLC in IT projects
- Development methodologies

Module 2: Requirements Engineering

- Gathering and analyzing requirements
- Functional and non-functional requirements
- Documentation techniques

Module 3: System Design & Development

- System architecture basics
- Development approaches (Agile, Waterfall)
- Coding and implementation concepts

Module 4: Testing & Deployment

- Software testing methods
- Quality assurance practices
- Deployment and release management

Module 5: Case Studies & Exam Preparation

- Real-world development scenarios
- Best practices
- BCS Practitioner exam preparation

