

BCS Intermediate and Practitioner Certificate in Solution and Enterprise Architecture

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **5 Day**

Overview

This single course combines the study needed to take both exams connected to the BCS Intermediate and Practitioner Certificates for Enterprise and Solution Architecture.

It reviews the important terms and concepts, and then shows how to put them into practice, particularly in areas such as governance, design of building blocks, modelling techniques to visualise architecture, and building architecture specifications.

This is an intensive and complete course with two main objectives:

- To gain a solid understanding of Enterprise and Solution Architecture terms and practice, and
- To prepare for two exams.

Both lecture and practical case-study sessions are held and mock questions are reviewed throughout. Delegates are provided with a revision programme to help them study in their own time which is followed up by a group review.

Two exams are taken at the end of the course.

Prerequisites

- BCS recommend up to six years experience of IS/IT work including contact with architects and architecture descriptions. Delegates are permitted to sit both the Intermediate and Practitioner exam in two consecutive sessions. However a pass in the practitioner exam can only be recognised if the delegate has also passed the Intermediate exam.
- A reference model for this certificate has been published by BCS. This is available on-line at <http://certifications.bcs.org/upload/pdf/sd-esa-reference-model.pdf>, and it is beneficial for attendees to have read through this before attending. They should also familiarise themselves with the syllabus, available at <http://certifications.bcs.org/upload/pdf/sd-esa-syllabus.pdf>.
- Delegates who are already TOGAF 8 Certified or TOGAF 9 level 2 Certified are regarded as having the pre-requisites to be exempted from the Intermediate exam, and may sit the Practitioner exam only. Delegates must bring a copy of their up-to-date TOGAF certificate for onward transmission to BCS.

Pre-course reading:

Delegates will be provided with pre-course reading prior to attending the course. The success on the course will be enhanced by close attention to the pre-reading materials. It is recommended that candidates spend 10 hours working through the pre-reading.

What You Will Learn

At the end of this course you will be able to understand, and use in a practical way, the key terms and concepts of systems architecture, including:

- The main roles and goals of architecture
- An explanation of both Enterprise and Solution context and architecture
- Architecture governance
- Techniques for describing architecture
- An awareness of the most useful frameworks
- Architecture Processes
- The use of business, data, application and infrastructure components
- Planning the implementation of architecture

Outline

Day One:

- Definitions of Architect and Architecture
- The Enterprise context and architecture
- Architecture Description basics

Day Two:

- Architecture Description
- Business Architecture
- The Solution Context

Day Three:

- Applications Architecture
- Software Architecture

Day Four:

- Architecture Frameworks
- Data Architecture
- Architecture Processes

Day Five:

- Infrastructure Architecture
- Architecture Implementation
- Exams

Certification

- BCS Intermediate Certificate in Enterprise and Solution Architecture
- BCS Practitioner Certificate in Enterprise and Solution Architecture

Examinations

- BCS Intermediate Certificate in Enterprise and Solution Architecture Exam (One hour, 40 questions, closed book, multi-choice)
- BCS Practitioner Certificate in Enterprise and Solution Architecture Exam (Case study-based, one hour, 40 questions, multi-choice. Delegates are given a copy of the case study at the start of the course, and are also given a copy for use during the exam)