PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: BCS Professional Certificate In Advanced Requirements Engineering	**Course Duration**: 3.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: BCS Professional Certificate In Advanced Requirements Engineering	

Course Syllabus

BCS Professional Certificate In Advanced Requirements Engineering

The Enterprise Context

- Enterprise Architecture (EA): EA Domains Zachman Framework
- Business Architecture: The Business Model Canvas, Capability Maps, Value Streams
- Customer & User Experience

The Business Analysis Service Portfolio

- Service Thinking & Value Co-Creation
- Value Propositions
- The Business Analysis Service Framework (BASF)
- Portfolios, Programmes & Projects: Definitions & Governance
- Enterprise Governance
- Requirements Governance

The Requirements Engineering Plan

- Analysis Planning
- Terms Of Reference For Requirements Engineering
- The Outcome Frame
- Problem Definition
- Planning & Estimating For Requirements Engineering

Engaging With Stakeholders

- Relevance Of Elicitation Techniques
- Understanding The Cultural Context For Requirements Engineering
- Rapport
- Questioning Approaches
- Listening Levels & Behaviours
- Assertiveness

The Requirements Taxonomy

- Enterprise Drivers For Requirements
- The Hierarchy Of Requirements

- Prioritisation Techniques: MoSCoW, Kano
- Business Use Case Diagram & Epics
- Decomposition Of Requirements & Priorities
- Requirements Traceability
- Requirement Patterns & Re-Use

Non-Functional Requirements: Customer Experience Requirements

- Customer Experience
- Customer Journey Mapping
- User Role Attributes & Personas
- Usability & Accessibility Requirements
- Look & Feel Requirements
- Visualisation Techniques: Wireframes, Prototypes

Non-Functional Requirements: Service Quality Requirements

- Performance, Capacity & Scalability Requirements
- Backup & Recovery Requirements
- Archiving & Deletion Requirements
- Maintainability, Availability & Reliability Requirements
- Security & Access Requirements
- Misuse Cases

Acceptance & Approval Of Requirements

- Quality Assurance For Requirements Engineering
- Validation Perspectives
- Acceptance Criteria For Requirements
- Advancement In Requirements

Course Overview

Our three-day BCS Professional Certificate In Advanced Requirements Engineering training course is designed to help experienced Business Analysts develop strategies to tackle more challenging requirements engineering assignments while avoiding requirements pitfalls.

Our BCS Professional Certificate In Advanced Requirements Engineering training course assesses competence with regard to the environment, context, planning, governance and execution of requirements engineering.

Course Learning Outcomes

BCS Membership Offer: If you do not hold a BCS certification and successfully pass the examination for this training course - you will be given one year's complementary BCS Membership. This offer is only valid for your first BCS qualification.

Despite the fundamental principles of requirements engineering being relatively well-defined, ‘poor requirements’ are regularly held up as the reason for project failures.

Experienced business analysts know that this can be due to many factors, including failure to align requirements with business objectives, address cultural issues and document requirements at the correct level.

You will extend your knowledge of requirements engineering including:

- How to apply the Business Model canvas to business scenarios
- Delivering a requirements engineering plan
- How to evaluate a problem statement and explain the Outcome Frame
- Stakeholder engagement skills
- How to produce non-functional requirements

Audience

Our BCS Professional Certificate In Advanced Requirements Engineering training course is aimed at Business Architects, Business Designers, Enterprise Architects and Senior Business Analysts who need to align requirements with business objectives and improve the consistency of requirements outputs.

Advanced Requirements Engineering is also an Analytical module on the BCS Advanced Diploma In Business Analysis.

Entry-Level Requirements

There are no entry requirements for our BCS Professional Certificate In Advanced Requirements Engineering training course. We do recommend that you hold the BCS Certificate In Requirements Engineering.

Recommended Reading

You should be prepared to spend around 1 -2 hours per evening on homework and revision activities.

What's Included

For our BCS Professional Certificate In Advanced Requirements Engineering training course, you will be provided with a printed copy of the latest edition of the comprehensive course manual. It will be sent to your home address in good time for the start of your training course. Our delegates tell us that having access to a physical document is useful as both a reference document and for taking notes during the course. In addition, a link will be emailed to you to enable you to access an electronic copy of the same comprehensive manual for convenient future reference.

Exam Information

BCS Professional In Advanced Requirements Engineering Examination:

- Exam Duration: 90 Minutes
- Exam Format: Closed Book, 40 Multiple Choice Questions
- Exam Delivery: Online, Webcam Proctored
- Exam Pass Mark: 65% (26/20 Questions)

Candidate Responsibilities

- You need to complete registrations for both BCS and Questionmark.
- You will receive an email inviting you to register on the e-professional portal. Once you have completed this registration, you will be able to see the booking details that your training provider had given to BCS.
- The exam date and time may not reflect what you will book with Questionmark, but we will update this once the exam has taken place so your certificate will have the correct date.

- You will also receive an email with log in details for Questionmark. This will enable you to complete your registration and book your exam. The link for registering is here.
- If you are unable to see an assessment to schedule once you have registered, please contact BCS via customerservice@bcs.uk.
- If you're unable to select a remote proctored time and date, contact support@questionmark.com.

Create Proctor Session

- To select the exam date and time click on 'Schedule'. If you have multiple exams to schedule it is advised that you only schedule the exam you wish to take otherwise you may encounter an error 500 screen.
- If you do encounter this then please clear your browser cache before proceeding.

What's Next

After our BCS Professional Certificate In Advanced Requirements Engineering training course, you might consider the other modules:

- BCS Foundation In Business Analysis
- BCS Certificate In Business Analysis Practice
- BCS Foundation Certificate In Business Change
- BCS Certificate In Modelling Business Processes
- BCS Certificate In Requirements Engineering
- BCS Agile Business Analysis Professional

Additional Information

The BCS Professional Certificate in Advanced Requirements Engineering assesses competence with regard to the environment, context, planning, governance and execution of requirements engineering. T