

BCS Certificate in Requirements Engineering

Overview

Course Introduction

A candidate can use this Business Analysis certification to develop the skills to work with requirements stakeholders in order to make sure that different perspectives are fulfilled by the requirements and that conflicts are negotiated in such a way that they become the opinion of all.

The course is targeted to those people who may be ambitious to acquire the skills required for establishing system requirements. The BCS Certificate in Requirements Engineering forms a part of the BCS International Diploma Programme.

- Globally Recognized Qualification
- The course helps to deliver effectiveness to your team
- We at Best Practice Training are The Largest Training Provider of these courses
- At Best Practice Training the Delegates Get Hands on and Theoretical Sessions From Expert Faculty
- Best Practice Training also guarantees lowest prices
- BPT provides Certificates along with course-ware

Audience

The BCS Certificate in Requirements Engineering is for those delegates who want a good understanding of Business Analysis. The following type of delegates can benefit the most from this certificate course:

- Business analysts
- Business managers and their staff
- Business change managers
- Project managers
- Delegates who wish to acquire the BCS Diploma in Business Analysis

Skills Gained

The course schedule is divided into the following:

- The Roles And Responsibilities Of Key Stakeholders In The Requirements Engineering Process.
- Application Of A Range Requirements Elicitation Techniques.
- Requirements Elicitation Techniques - Uses And Relevance To Given Situations
- Documenting And Prioritizing User Requirements For An Information System
- Problems With Requirements.
- Improving Requirements Documentation.
- Creating A Process/Function Model and Interpreting A Model Of Data Requirements For An Information System
- Linking Project Objectives And Requirements To The Business Case. State Its Importance.
- What are the principles of Requirements Management?
- The importance of managing requirements
- Using CASE tools to support Requirements Engineering
- Explain by defining an approach the principles of Requirements Validation

Prerequisites

Important Course Information Important Course Information Prerequisites Prerequisites

- Experience at the level of:
 - Course 211, Business Analysis Introduction: Defining Successful Projects, or
 - Course 3507, BCS Foundation Certificate in Business Analysis

Exam Information

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- Course 3507, BCS Foundation Certificate in Business Analysis

Course 211 Course 211 , Business Analysis Introduction: Defining Successful Projects, or

Course 3507 Course 3507 , BCS Foundation Certificate in Business Analysis Exam Information Exam Information

- One hour, 'open book'
 - Written, based on a business scenario
 - Pass mark is 50%
 - If any special testing adjustments should be considered, please contact Customer Service at least two weeks before the event
- Certification Information

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- International Diploma in Business Analysis
- The BCS, The Chartered Institute for IT, offers this internationally recognized certification, enabling you to take your skills around the world. The four modules required to apply for this certification include one foundation level course, and three practitioner level courses:
 - BCS Foundation Certificate in Business Analysis
 - BCS Certificate in Business Analysis Practice
 - BCS Certificate in Modelling Business Processes
 - BCS Certificate in Requirements Engineering
 - The International Diploma requires a 50 minute oral examination with two examiners. The questions will require you to apply your business analysis knowledge and understanding to scenarios described by the oral examiners. For additional information see: <https://www2.bcs.org/certifications/ba/international-diploma-in-business-analysis>

BCS Associate Membership

The BCS, The Chartered Institute for IT, offers this internationally recognized certification, enabling you to take your skills around the world. The four modules required to apply for this certification include one foundation level course, and three practitioner level courses:

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BCS Foundation Certificate in Business Analysis BCS Foundation Certificate in Business Analysis

BCS Certificate in Business Analysis Practice BCS Certificate in Business Analysis Practice

BCS Certificate in Modelling Business Processes BCS Certificate in Modelling Business Processes

BCS Certificate in Requirements Engineering BCS Certificate in Requirements Engineering

The International Diploma requires a 50 minute oral examination with two examiners. The questions will require you to apply your business analysis knowledge and understanding to scenarios described by the oral examiners. For additional information see:

<https://www2.bcs.org/certifications/ba/international-diploma-in-business-analysis> <https://www2.bcs.org/certifications/ba/international-diploma-in-business-analysis> BCS Associate Membership BCS Associate Membership

- Candidates receive free of charge BCS, the Chartered Institute for IT, Associate Membership for 1 year on successfully passing their first BCS certification. Associate membership.

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- Upon passing your exam, BCS will contact you to activate your membership. Once activated you will be a BCS Associate Member and will have access to the wealth of benefits and support to help you in your career.
- BCS Associate membership provides exclusive access to resources, content and opportunities that will enrich your career.
- Note: This offer is only available once to each exam candidate. Exam candidates who have previously benefited from free Associate Membership will not be eligible for this offer again even if you have taken another qualifying BCS exam.
- Introduction to Requirements Engineering

Framework for Requirements Engineering

- Identifying the Requirements Engineering rationale
- Planning and estimating requirements
- Identifying the business rationale and inputs
- Crafting the business case
- Creating the Terms of Reference or Project Initiation Document (PID)

Building the Requirements

- Categorising requirements within the hierarchy
- General business requirements, including legal and business policy
- Technical policy requirements
- Functional requirements
- Non-functional requirements

Stakeholders in the Requirements Process

- Project Stakeholders
- Business Stakeholders
- External stakeholders

- Requirements Elicitation

Types of knowledge

Explicit knowledge and ignorance Identifying tacit knowledge and ignorance

Eliciting requirements from stakeholders

Planning elicitation meetings Choosing the right people to interview

Applying elicitation techniques

Selecting the best interview methodology Constructing questions that deliver results

- Requirements Engineering Modelling Techniques

Why model requirements?

- Generating questions
- Defining business rules
- Cross-checking for consistency and completeness

Modelling the business context for the system

- Developing a model to represent system processing requirements
- Interpreting a data model

- Documenting Your Requirements

Documentation styles and levels of definition

- Writing standard requirements
- Employing user stories and use cases

Creating a Requirements Catalogue

- Identifying necessary attributes
- Writing a requirements description

- Requirements Analysis

Prioritising and packaging requirements for delivery

- Analysing and prioritising business needs
- Allocating requirements

Organising requirements

- Optimising business value
- Evaluating dependencies between requirements

Ensuring well-formed requirements

- Removing overlapping requirements
- Identifying and negotiating conflicts between requirements
- Removing ambiguity
- Ensuring feasibility and testability
- Prototyping requirements
- Verifying requirements

- Validating Requirements

Applying validation skills

- Selecting the best validation methods
- Validation checklists

Types of reviews

- Reviews, walk-throughs and inspections
- Stakeholders and their areas of concern

- Requirements Management

Dealing with changing requirements

- Types of changes
- Frequency and magnitude of changes

The importance of traceability

- Vertical traceability (to business objectives)
- Horizontal traceability (from origin to deliver)
- Traceability and ownership

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Need more information? Why not call one of our professional training advisors on 0800 40 848 40 or email us at training@coursemonster.com

The training course outline shown above is a standardised version representing all the dates available and may vary from the course you attend. You will be sent the supplier's course outline when you enquire about a specific date.

CourseMonster - Preston Park House, South Road, Brighton BN1 6SB
Telephone: 0800 40 848 40 | E-mail: info@coursemonster.com