BCS Certificate in Requirements Engineering

Category: Project Management & Business Skills | **Vendor:** Various

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	BCS Certificate in Requirements Engineering
Related Exam:	BCS-RE

Course Overview

This course presents an end-to-end Requirements Engineering framework. From the business case to the delivery of well-documented and well-formed requirements, high-quality requirements are crucial to delivering quality products. In addition, this course prepares you to take the BCS Requirements Engineering Practitioner Exam at the end of the course.

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

About This Course

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Prerequisites & Entry Requirements

General Prerequisites:

Experience at the level of:

- (!) or
- BCS Foundation Certificate in Business Analysis (FBA)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Link requirements backward to the business case and forward to the delivered product, process or service
- Identify the roles and responsibilities of key stakeholders in the requirements engineering process
- Describe the use of tools to support Requirements Engineering
- Apply the Requirements Validation process

Detailed Course Outline

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

- Non-functional requirements

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 theirareas 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

□□ Certification Path

BCS Certificate in Requirements Engineering

Exam: BCS-RE

Skills You Will Learn:

- Link requirements backward to the business case and forward to the delivered product, process or service
- Identify the roles and responsibilities of key stakeholders in the requirements engineering process
- Describe the use of tools to support Requirements Engineering
- Apply the Requirements Validation process

Frequently Asked Questions

Q: What delivery options are available for BCS Certificate in Requirements Engineering?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The BCS Certificate in Requirements Engineering course helps prepare you for the BCS Certificate in Requirements Engineering certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the BCS-RE official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 3-day BCS Certificate in Requirements Engineering course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the BCS Certificate in Requirements Engineering training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for BCS Certificate in Requirements Engineering?

Yes, we provide corporate training, dedicated training, and closed classes for BCS Certificate in Requirements Engineering. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: BCS Certificate in Requirements Engineering, Business Analysis, RE-2

Q: Why choose Nexus Human for BCS Certificate in Requirements Engineering?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your BCS Certificate in Requirements Engineering training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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