BCS PROFESSIONAL CERTIFICATE IN BUSINESS ARCHITECTURE

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BCS Professional Certificate in Business Architecture

Introduction

The BCS Professional Certificate in Business Architecture assesses competence with regard to the philosophy, principles and techniques of Business Architecture, and its relevance to business analysis within the context of business change programmes.

Assessment Objectives

The examination leading to the BCS Professional Certificate in Business Architecture has the following assessment objectives.

Candidates must be able to demonstrate that they can:

- Define the term 'business architecture' and explain the objectives for business architecture
- Describe the relationship between business architecture and the data, applications and infrastructure architectures
- Explain the roles involved in business architecture
- Define the key artefacts of a business architecture
- Explain the frameworks for business architecture (as defined in the syllabus)
- Distinguish between the terms capability, competency and capacity
- Describe the components of the OMG motivation model
- Describe an organisation map
- Demonstrate the application of the business model canvas
- Distinguish between the three strata for capability definition
- Explain and apply the capability map technique and business capabilities
- Explain and apply value stream analysis and value network analysis
- Demonstrate the application of RACI analysis
- Describe and apply the cultural web
- Define the elements of an information concepts model
- Develop an information concepts model for a given scenario
- Explain and illustrate the relationships between the key artefacts of a business
- architecture
- Describe the use of business architecture in assessing the impact of and enabling
- business changes

Target Audience

This certification is relevant for anyone wishing to gain an understanding of the principles, rationale and techniques of the Business Architecture discipline, including business architects, business analysts, project managers, business change managers and business managers.

Eligibility for the Examination

There are no pre-requisites for entry to the examination, although candidates should be prepared to be assessed in line with the objectives listed in the previous section. Candidates can study for the certificate by:

- Using our self-study material (approximately 20 hours)
- Attending our instructor-led BCS accredited training course (3-days)

Duration and Format of the Examination

The format for the examination is a 90-minute assessment comprising two sections. Section A comprises 20 multiple-choice questions worth 2 marks each and is worth 40 marks in total. Section B requires short answer responses to questions and is worth 60 marks in total.
The examination is closed book i.e. no materials can be taken into the examination room. The pass mark is 65/100 (65%) overall, with a minimum of 20/40 (50%) in Section A and 30/60 (50%) in Section B.

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Additional time for Candidates Requiring Reasonable Adjustments

Candidates may request additional time if they require reasonable adjustments. Please refer to the reasonable adjustments policy for detailed information on how and when to apply.

Additional time for Candidates Whose Native Language is not that of the Examination

If the examination is taken in a language that is not the candidate's native / official language then they are entitled to 25% extra time.

If the examination is taken in a language that is not the candidate's native / official language then they are entitled to use their own paper language dictionary (whose purpose is translation between the examination language and another national language) during the examination. Electronic versions of dictionaries will not be allowed into the examination room.

Syllabus

For each top-level area of the syllabus a percentage and K level is identified. The percentage is the exam coverage of that area, and the K level identifies the maximum level of knowledge that may be examined for that area.

1. The Business Architecture Domain (10%, K3)
- The rationale for business architecture: definition and objectives for business architecture
- Architecture principles
- Relationship of business architecture with the data, applications and infrastructure architectures
- Roles in business architecture
  - Business Architect,
  - Programme Manager
  - Business Analyst
  - Business Change Manager
  - Solution Architect
  - Subject Matter Expert
  - External Supplier

Business Architecture framewor 2. ks (5%, K2)
- Artefacts of a business architecture: capability map; value stream; organisation map; information concepts model; value network
- Business architecture views: organisation; capability; value/process; information; people
- Frameworks
  - Zachman: Contextual and conceptual rows
  - TOGAF 9.2: ADM & Content Framework by ADM phases
  - Business Architecture Guild: Aspects of the business represented by business architecture
  - AssistKD POPIT model

3. Business Motivation/Organisation view (10%, K4)
- Rationale for business motivation view
- OMG business motivation model
- Business model canvas
- Organisation map: business units; functions

4. Capability View (25%, K4)
- Business capability modelling. Three strata of a business capability model:
  - strategic;
  - core/customer facing;
  - support
- Levels of capability
  - Level 1: Foundation
  - Level 2: Capability groups
  - Level 3: Business capabilities
- Defining capabilities: SUAVE
- Business capability, competency and capacity

5. Value/Process View (20%, K4)
- Business services and value propositions Value chain analysis
- Value stream analysis
- Value network analysis
- Relationships between capabilities, value streams and processes

6. People View (10%, K3)
- RACI analysis
- Functional, divisional and matrix organisation structures
- Business culture analysis
  - The cultural web
  - Organisational culture
  - National culture

7. Information View (15%, K4)
- Meta data, data and information
- Information concepts modelling
- Relationships between information concepts and capabilities and value streams

8. Business architecture and business change (5%, K3)
- BCS Business Change Lifecycle
- Use of the business architecture to evaluate and enable change initiatives Organisational memory: acquisition, retention and retrieval

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Levels of Knowledge / SFIA Levels / Blooms

This course will provide candidates with the levels of difficulty / knowledge skill highlighted within the following table, enabling them to develop the skills to operate at the levels of responsibility indicated. The levels of knowledge and SFIA levels are explained in on the website www.bcs.org/levels. The levels of knowledge above will enable candidates to develop the following levels of skill to be able to operate at the following levels of responsibility (as defined within the SFIA framework) within their workplace:

Levels	Levels of Knowledge	Levels of Skill and Responsibility (SFIA)
K7		Set strategy, inspire and mobilise
K6	Evaluate	Initiate and influence
K5	Synthesise	Ensure and advise
K4	Analyse	Enable
K3	Apply	Apply
K2	Understand	Assist
K1	Remember	Follow

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Question Weighting

Syllabus Area	Target number of questions (weighting)
1 – The Business Architecture Domain	4 (10%)
2 – Business Architecture Frameworks	2 (5%)
3 – Business Motivation/Organisation View	4 (10%)
4 – Capability View	10 (25%)
5 – Value/Process View	8 (20%)
6 – Competency/People View	4 (10%)
7 – Information and Technology Views	6 (15%)
8 – Business Architecture and Business Change	2 (5%)
Total	**40 (100%)**

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  - All Diploma courses have ONE full 40 question mock exam paper
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  - All graphics are professionally designed and suitable for anyone who is colour blind
  - All courses are professionally narrated – invaluable for auditory learners and anyone with dyslexia
- All courses are academically excellent – authored by BCS oral examiners/practitioners with decades of experience
- Engaging content – includes examples, games, exercises, multiple choice questions and case studies
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- What our customers say:
  - YouTube
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