

EXIN BCS Professional Certificate in Agile Business Analysis – Including Exam

Durée: 3 Jours Réf de cours: BABA

Résumé:

The BCS Professional Certificate in Agile Business Analysis assesses competence regarding the philosophy, methods, principles and techniques of the Agile approach and its relevance to business analysis.

Public visé:

This certification is relevant for anyone wishing to understand the Agile approach from a business perspective. This includes business architects, business analysts, project managers and business managers.

Objectifs pédagogiques:

- You'll gain a broad understanding of business analysis, including:
 - How to analyse business goals and their decomposition
 - How to describe a range of agile methods (process, roles, principles)
 - How to evaluate whether an agile method is appropriate for a given situation
 - The role of business analysis in an agile team
 - Understanding how to apply user story techniques
 - The use of agile analysis, modelling and documentation techniques
 - How to explain the techniques used to plan and manage an iteration
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Pré-requis:

- There are no entry requirements for this certification.

Test et certification

What format is the exam?

- 90 minute 'closed book' with 40 multiple choice questions. Please note: this exam has been updated to an online format. The new syllabus reflects a change in exam format only, syllabus content has not changed.
 - Pass mark is 65% (26/40)
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Contenu:

1. Agile Philosophy

1.1 The Business Analysis Service Framework

1.2 Business agility

- Definition of business agility
- Four dimensions of business agility

1.3 The agile business analyst

- Enabling business agility
- Supporting agile software projects
- Agile manifesto for business analysts

1.4 Growth and fixed mindsets

- Definitions

2. Agile Principles

2.1 The three elements of agile delivery

- Mindset
- Practices
- Methods

2.2 The Agile manifesto

2.3 The six core Agile values

- Collaborative working
- Self-managing teams: Tuckman ; Jenson theory of group development
- Continuous improvement and analysis:
 - Kaizen
 - 8 Wastes of Lean (TIMWOODS)
 - PDSA
- Iterative development and incremental delivery
- Planning for and building in change
- Doing the right thing and the thing right

3. Agile Methods

3.1 Key elements in agile methods

3.2 Agile methods

- Scrum: three pillars of Scrum; the sprint; four key Scrum events; the Scrum team; three Scrum artefacts
- XP: five rules of XP
- DSDM/Agile PM: DSDM life cycle phases
- SAFe: overview description

4. Working with stakeholders and roles

5.2 The Cynefin framework

5.3 The Functional Model Map (FMM)

- Three perspectives of the FMM
- Areas of relevance for business analysts

5.4 Modelling the business system

- POPIT™ model
- Business activity models
- Business use case models
- Business epics

6. Goal decomposition and prioritisation

6.1 Goal and functional decomposition

6.2 Cockburn's levels of goal

6.3 The importance of prioritisation

6.4 Prioritisation techniques

- Kano
- MoSCoW
- WSJF

6.5 Prioritisation decomposition

7. Deciding the requirements approach

7.1 The Requirements Engineering framework: requirements slices

7.2 The Product Owner role

7.3 Techniques for elaborating requirements iteratively

7.4 Prototyping

- The five prototyping dimensions
- Types of prototype

7.5 Definition of ready and definition of done

8. Modelling roles, stories and scenarios

8.1 User research and analysis

8.2 User Roles

- Identifying and documenting user roles
- Analysing personas and misuse characters

8.3 Modelling the system context and scope

- Context diagram
- Use case diagram

8.4 User stories

- INVEST
- Hierarchy of user stories
- Compound stories
- Complex stories
- The 3Cs

8.5 Techniques

- Scenario analysis
- Behaviour-driven development
- Story mapping

9. Organising and estimating requirements

9.1 Types of requirements: Technical; General; Functional; Non-functional

9.2 The itemised backlogs

- The solution backlog
- The release backlog
- The iteration backlog

9.3 Ordering the backlog

9.4 Documenting non-functional requirements

9.5 Hierarchy of use cases and user stories

9.6 Estimation techniques:

- Wideband Delphi
- Relative sizing
- Planning poker

10. Planning and managing iterations

10.1 The iteration

10.2 Iterations and goals

10.3 Planning the iteration

4.1 Stakeholder Engagement

- The nature of stakeholders
- The multi-skilled team

4.2 Stakeholder categories, roles and perspectives

- Business/governance stakeholders: Project sponsor; Business Managers; ProjectManager; Programme Manager
- Architecture domain stakeholders: Business Architect; Solution Architect; Software/application Architect; Data Architect
- Development team stakeholders: Domain Expert; End-user; Team Leader; Software Developer; Software Tester
- External stakeholders: Customer; Supplier; Competitor; Regulator

5. Modelling the business context

5.1 Business analysis and the business context

- Calculating team velocity

10.4 Techniques to manage the iteration:

- Daily stand-ups
- Agile boards
- Burn down charts
- Iteration reviews
- Show and tell
- Retrospectives

Autres moyens pédagogiques et de suivi:

- Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
- Suivi d'exécution : Une feuille d'émargement par demi-journée de présence est signée par tous les participants et le formateur.
- En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

- Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
- Votre place sera confirmée à la réception d'un devis ou "booking form" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
- Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via moncompteformation.gouv.fr.

Accueil des bénéficiaires :

- En cas de handicap : plus d'info sur globalknowledge.fr/handicap
- Le Règlement intérieur est disponible sur globalknowledge.fr/reglement