

APMG Agile Business Analyst Foundation and Practitioner (AgileBA®)

Course Outline

Module 1: Role of the Business Analyst in an Agile World

- Holistic View of the Business
- Structure of Business Organisation
- Understanding the Business Environment
- PESTLE Analysis
- Porter's Five Forces Analysis
- MOST Analysis
- Resource Audit
- SWOT Analysis
- TOWS
- Porter's Value Chain
- Lean Thinking
- McKinsey 7S Model
- Balanced Business Scoreboard
- Core Considerations When Planning and Implementing Change

Module 2: Fundamentals of Agile

- Manifesto for Agile Software Development
- Project Variables
- 8 Principles
- DSDM Process and Team Roles
- Management Products
- DSDM Team Roles
- Roles and Responsibilities
- Business Sponsor and Business Visionary
- Technical Coordinator and Project Manager

- Business Ambassador and Business Advisor
- Technical Advisor and Solution Developer & Tester
- Team Leader and Business Analyst
- Workshop Facilitator

Module 3: Agile Business Case

- Business Case
- Business Case Context
- Roles Associated with the Business Case
- Business Case: Business Sponsor
- Business Case: Business Visionary
- Business Case: Technical Coordinator
- Business Case: Project Manager
- Business Case: Business Analyst
- Agile Practices and the Business Case
- Business Canvas/Lean Canvas
- Product Vision Box

Module 4: Stakeholders in the Agile Project

- Definition
- Three Stakeholder Categories
- Working with Project Stakeholders
- DSDM Coach
- DSDM Team-Working Together
- Agile Culture and Stakeholder Engagement
- Stakeholder Analysis
- Power/Interest Grid

Module 5: Requirements and User Stories

- Categories of Requirement
- User Stories
- Persona

- User Story – Story Card (Front and Back)
- Well-Constructed User Stories – INVEST
- Prioritised Requirements List (PRL)
- Hierarchy of User Stories
- Story Maps
- Agile BA and the PRL

Module 6: Prioritisation

- Eliciting Requirements
- Prioritising Requirements
- MoSCoW
- KANO Model
- Effective Prioritisation

Module 7: Workshops

- What is a Facilitated Workshop?
- When to Use a Facilitated Workshop?
- Facilitated Workshops
- Workshop Roles
- Common Features of Facilitated Workshops
- Facilitated Workshops – Associated Activities
- Agile BA and Facilitated Workshops

Module 8: Modelling

- What is a Model?
- Modelling Perspectives
- Modelling Techniques for the Agile BA
- Business Domain Model (Class Diagram)
- Business Process Diagram (Swim Lanes)
- Context (Scoping) Diagram
- Customer Journey Mapping
- Impact Mapping

- Rich Picture
- Storyboards / Wireframes
- Use Cases
- Modelling and the DSDM Principles

Module 9: Timeboxing and Iterative Development

- DSDM Definition of a Timebox
- Types of Timebox
- Key Steps in a DSDM Structured Timebox
- Timeboxing – The Daily Stand-Up
- Team Board (Kanban)
- Burn Down Chart
- Timeboxing – Wider Context
- Agile BA'S Role in a Timebox
- Iterative Development
- Quality in Iterative Development
- Approaches to Iterative Development
- Solution Focus
- Horizontal Approach
- Vertical Approach
- Combined Approach
- Agile BA's Role in Iterative Development

Module 10: Requirements of Planning and Estimating Throughout the Lifecycle

- Requirements Planning Through the Lifecycle
- Feasibility
- Foundations
- Requirements During Timeboxes
- Prioritised Requirements List (PRL)
- Estimating within a DSDM Project
- Estimates and Requirements Detail

- Planning Poker
- Estimating Workshop

Module 11: Requirements of Lifecycle in an Agile Project

- Agile Approach to Requirements
- Role of the Agile BA
- Lifecycle of a Requirement
- Elicitation
- Analysis
- Validation
- Documentation
- Management
- Requirements in the DSDM Process