

# Agile Business Analysis H7G50S (6315)

Agile Business Analysis focuses on a framework of tools, techniques, and tips that can be used to improve analysis on Agile projects and provides students with an understanding of the changing role of the business analyst.

<b>HPE course number</b>	H7G50S
<b>Course length</b>	3 days
<b>Delivery mode</b>	ILT
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## Audience

This course is designed for business analysts, analysts who are new to Agile, or those who are transitioning from a traditional waterfall requirements gathering approach to an Agile one. You will leave with a solid understanding of the successes and challenges that occur in a Scrum framework.

## Course objectives

Upon completion of this course, you will be able to:

- Compare and contrast traditional requirements development to User Story development
  - Build a backlog and plan for the Sprint
  - Apply Agile Business Analysis techniques to increase customer value
  - Review key actions and challenges during the Sprint
  - Apply testing approaches to an Agile cycle
  - Examine challenges and approaches to continuous improvement
- Recognize key principles of Agile, Scrum, and Lean
  - Describe the characteristics of business analysis during Agile projects
  - Examine the roles and responsibilities in a Scrum framework

## Detailed course outline

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### Lean and Agile foundations

- Principles and challenges
  - Lean thinking
  - Lean software development
  - Agile manifesto
  - The 12 principles of Agile software development
  - Waterfall development life cycle
  - Software feature use
  - Agile development approaches
  - SAFe
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### The State of Business Analysis

- Business Analysis
  - What is Business Analysis?
  - What a BA does in Agile?
  - Competencies of the Business Analyst
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### Enterprise Analysis

- What is Enterprise Analysis?
  - Enterprise Analysis value
  - Agile Enterprise Analysis
  - Who is involved with EA?
  - Vision statements
  - What is Elicitation?
  - Elicitation and Analysis in Agile
  - Define business need
  - Access capability gaps
  - Determine solution approach
  - Define solution scope
  - High-level scope definition: High-level backlog
  - Context diagram
  - Define business case
  - Breaking down work
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### Agile stakeholders and the Business Analyst

- People—The key to Agile and Analysis
  - Personas and actors
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### Requirements foundations

- Several types of requirements
  - What is a requirement?
  - Classifications of requirements
  - User stories defined
  - Use case defined
  - User Stories and Acceptance Criteria
  - Spikes
  - Story cards
  - Story gathering techniques
  - Story mapping
  - Acceptance testing
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## Course data sheet

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### Building a backlog

- From ideas to backlog
  - Backlogs are DEEP
  - Product backlog
  - Ideas to stories
  - Product backlog example
  - Cone of uncertainty
  - Agile estimation
  - Multiple product backlogs
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### Sprint planning and execution

- What's involved?
  - Product backlog grooming
  - Sprint grooming
  - Full slice user stories
  - Story splitting
  - Sprint planning
  - Sprint
  - Daily standup
  - Half of everything done
  - Working as a sprint team
  - Sprint retrospective
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### Attaining Agile and lean success

- Retrospective—Improving your Agile Analysis
  - Better, not best
  - Agile Analyst success modes
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### Agile simulation exercises

- Agile planning review
  - Scrum review
  - Agile simulation: Build an airport
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### Professional benefits

The following credits are available for this course:

- 21 PDU
  - 24 CPE
  - 21 CLP
  - 2.1 CEU
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