

Agile Testing Course

Overview

The Agile Testing Course is a one day course which teaches students the fundamental principles of Agile Software development and testing. It explains different terminology and covers approaches to Agile software development, including Agile methods and the changing role of the tester.

Duration

1 day

Learning Method

The course contains exercises, practical examples and games to highlight key aspects of the syllabus to help the student understand the concepts and methods presented.

Who will benefit from this course?

This course is appropriate for Testers, Test Team Leaders, Developers, Development Managers, Business Analysts and anyone wishing to gain an understanding of Agile software development and the changes to testing.

Prerequisites for this course

Delegates would benefit from prior software development or testing experience.

What can you expect to gain from this course?

- Understand the origin and concepts of Agile software development
- Learn about the differences between Agile and traditional software development
- Communicate better through understanding definitions of common Agile terms
- Gain knowledge of the different Agile methods and testing activities across an Agile project timeline
- Understand the challenges of Agile testing and the skills required

Course Content

What is Agile?

This section looks at the origins of Agile, why it has become popular, what the fundamental Agile principles from the Agile Manifesto are, and introduces the most commonly used Agile methods in Australia.

Agile in Motion:

Explains Agile metrics for monitoring and control and also goes through example Agile project timelines with multiple iterations or sprints discussing the different activities including Kick-offs, Retrospectives and Showcases.

Agile Testing:

Is the role of a tester on an Agile project different to any other project? This section explains the testing activities in relation to user stories across the story lifecycle. We also look at estimation, the role of automation and the concept of quality gates on Agile projects.



Becoming Agile:

This section explains the types of changes to expect on Agile teams, the people side of collaboration and the common pitfalls to watch out for. We also look at combining Agile approaches with traditional software development and what actions delegates can implement to add value to their organisation today.

Related Courses

ISTQB Software Testing Foundation Certificate
ISTQB Advanced Test Analyst
ISTQB Advanced Test Manager
ISTQB Advanced Technical Test Analyst