ISTQB Certified Tester Foundation Level (CTFL) Agile Tester

Course code: ISTQBFLA

This Tesena's accredited course is about how to deliver software testing effectively in an Agile development environment. This 2-day course is about how to deliver software testing effectively in an Agile development environment. It is useful both for testing specialists and for other IT professionals who will need to work closely with them, or to manage them, on an Agile project. The ISTQB exam is not included in the price.

Who is the course for

Testers, of course, whatever their job title, from the most junior up to management level. Others can also benefit, including anybody who wants to understand what they can expect from testers on an Agile project: developers and their managers, business analysts, product owners, Scrum masters, project managers, quality managers and IT consultants.

What we teach you

This short training course is especially recommended for testers who have just begun, or soon expect, to work on an Agile project. It goes beyond the mechanics of testing to cover the most important single success factor for an Agile team: the various ways in which all members of the team should collaborate to deliver high quality at speed, and the special contribution that testers can make to that.
It is also recommended for testers who have an Agile background and wish to demonstrate their proficiency by obtaining ISTQB® certification.
The ISTQB Foundation level Agile Tester extension syllabus forms the basis of this 2-day training course. It focuses on techniques and approaches for software testing in an Agile environment that go further than those covered at Foundation level. This course is accredited by the ISTQB and will equip delegates to take its Agile Tester certification exam.
Our training, created by one of the UK's oldest and most respected software testing consultancies, includes exercises and practice exams to highlight key aspects of the syllabus, to help participants understand and practice the concepts and methods presented and to prepare them for the certification exam.
Course Objectives
The course's aim is to explain how a tester on an Agile project will work differently to one working on a traditional sequential ('waterfall' or 'V-model') project, to provide an understanding of the values and principles that underpin Agile projects, and to show how testers can be integral part of a whole-team approach together with developers and business representatives. The training therefore builds on basic Foundation level knowledge by providing a deeper understanding of these challenges and of the special techniques that can be used to meet them.

Skills to be Gained

A candidate who completes this training can be expected to be able to:
- Collaborate in a cross-functional Agile team, being familiar with the principles and basic practices of Agile software development.
- Adapt existing testing experience and knowledge to Agile values and principles.
- Support the Agile team in planning test-related activities.
- Apply relevant methods and techniques for testing in an Agile project.
- Assist the Agile team in test automation activities.
- Assist business stakeholders in defining understandable and testable user stories, scenarios, requirements and acceptance criteria as appropriate.
- Work and share information with other team members using effective communication styles and channels.

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- Understand the roles and skills of a tester in Agile Projects
- Understand Agile testing techniques and methods
- Assess product quality risks within an Agile project
- Estimate testing effort based on iteration content and quality risks
- Make effective use of tools in Agile Projects.

The Certification Exam (it is not included in the price)

The ISTQB Certified Tester Foundation Level (CTFL) Exam is not included in the price of the course.

The Certificate is awarded to those who pass a written one-hour multiple-choice exam of 40 questions that is set,

moderated, marked and invigilated by an ISTQB licensed Exam Provider. Candidates whose native language is not

English get an extra 25% time allowance.The exam will be arranged separately on a later date. Tesena suggests that

this exam be taken a few days after the course in order to allow adequate preparation time.

Required skills

In order to take the Agile Tester certification exam, it is necessary to already have the Foundation level core certificate.

There is, however, no pre-requisite for attending the training course.

If you don't already have the Foundation level certificate then we recommend that, in order to get maximum benefit, you

can by the time that you attend meet at least one of the following criteria:

- have attended a Foundation level training course (preferably an ISTQBaccredited one), or
- have studied the ISTQB Foundation level syllabus or one of the self-study books that are recommended by the ISTQB on its web site www.istqb.org (in the References section), or
- have at least six months' experience of software testing in any type of project, or
- have at least three months' experience of any role in an Agile team.

Course outline

Chapter 1: Agile Software Development
- the principles on which it is based
- the characteristics of the main Agile approaches.

Chapter 2: Fundamental Agile Testing Principles, Practices And Processes
- the differences between testing in traditional and Agile approaches
- how to measure the status of testing in Agile projects
- the role and skills needed of a tester in an Agile team.

Chapter 3: Agile Testing Methods, Techniques and Tools
- the methods that are appropriate for Agile testing
- how to assess quality risks and estimate test effort
- test techniques that are useful in Agile projects
- tool support for Agile testing.

A more detailed list of this course's content can be found in the official ISTQB syllabus which can be viewed on, and

downloaded from, www.istqb.org