

# ISTQB® Foundation Level – Agile Tester

## Description

This 2-day training course prepares you for the ISTQB® Foundation Level – Agile Tester certification. It allows you to acquire the fundamentals of software testing within an Agile project. You will learn to master the basics of an Agile testing project and to understand the specific aspects of managing tests in an Agile environment.

## Understanding the challenges of software testing in an Agile context

In today's modern development environment, the ability to test software effectively is essential. Agile methods require flexibility, responsiveness, and collaboration between teams. The ISTQB®, Agile tester training provides a structured approach to meet these challenges. You will discover how Agile practices influence testing processes and how to ensure consistent quality throughout the development cycle.

## Course Content

### Module 01: Fundamentals of Agile Software Development

- Agile software development and the Agile manifesto
- Integrated approach
- Notion of early and frequent feedback

### Module 02: Characteristics of Agile Approaches

- Agile software development approaches
- Collaborative creation of User Stories
- Retrospectives
- Continuous integration
- Version and iteration planning

### Module 03: Differences Between Traditional and Agile Testing Approaches

- Testing and development activities
- Project activity products
- Test levels
- Test management and configuration management tools

### Module 04: Testing Status in Agile Projects

- Communicating test status, progress, and product quality
- Managing regression risks by evolving manual and automated test cases

### Module 05: Roles and Skills of a Tester in an Agile Team

- Skills of an Agile tester
- The role of a tester in an Agile team
- Methods, techniques, and tools for Agile testing
- Test-driven development (TDD)
- Test pyramid

- Test quadrants, test levels, and test types
- The role of a tester
- Product quality risk assessment and test effort estimation
- Techniques in Agile projects
- Tools in Agile projects

## **Module 06: ISTQB® Certification Exam**

- Review
- 40-question multiple-choice exam. Duration: 60 minutes
- Exam completion

## **Documentation**

- Digital courseware included

## **Exam**

- This training prepares you for the ISTQB® Foundation Level - Agile Tester exam included in the course price

## **Participant profiles**

- Experienced testers
- Beginner testers who need to integrate into an Agile testing team
- Experienced developers working in an Agile environment with limited knowledge of test engineering
- Any professional who needs to integrate or oversee projects in an Agile environment

## **Prerequisites**

- This training follows the content of the "ISTQB® Certified Tester Foundation Level" syllabus.
- We therefore recommend participating in the "ISTQB® Certified Tester Foundation Level" training course before attending this course, or reviewing the content of the current version of the syllabus.

## **Objectives**

- Understand the fundamentals of Agile software development
- Apply the characteristics and practices of Agile approaches
- Identify the differences between traditional and Agile testing
- Assess the status of testing in an Agile project
- Take on the role and responsibilities of an Agile tester
- Use tools and techniques adapted to Agile testing
- Prepare effectively for the ISTQB® certification exam

## **Description**

ISTQB® Foundation Level - Agile Tester Training

## **Niveau**

Fondamental

## **Classroom Registration Price (CHF)**

1900

## **Virtual Classroom Registration Price (CHF)**

1900

## **Duration (in Days)**

2

## **Reference**

