

Course program

ISTQB Certified Agile Extension Level

Duration : 2 days

Language : EN & FR

ISTQB Agile training and certification extension give testers the knowledge they need to be part of an Agile testing team. You will learn about agile software development and fundamental agile testing principles, practices and processes.

Objectives

The course features hands on exercises to illustrate the topics discussed and provides trainees an opportunity to learn by doing.

- Be effective on the testing of an Agile project by collaborating with the team.
- Adapting the basics of the test to an Agile project
- Select and apply the tools and methods best suited to the project
- Help the whole team to test effectively

Practical exercises

This training combines theory and practices. The different practice exercises have for purpose the illustration of discussed subjects but also a learning of practice for trainees.

- Definition of the Test plan for an Agile Project
- Identification of Requirements
- Test documentation
- Dashboard for test tracking and anomaly

Pre-requisites

The training requires the prior certification ISTQB Certified Level Tester Foundation.

Participants

This course is ideal for all people involved in software testing projects such as:

- Testers or test managers with experience in traditional development life cycles
- Developers unaccustomed to the test on an Agile project
- Testers
- Quality engineers

Program

1. Agile Software Development

- 1.1. The Fundamentals of Agile Software Development
- 1.2. Aspects of Agile Approaches

2. Fundamental Agile Principles, Practices, and processes

- 2.1. The Differences between in traditional and Agile approaches
- 2.2. Status of Testing in Agile projects
- 2.3. Role and skills of a Tester in an Agile team

3. Agile Testing methods, techniques and tools

4. Development

- 4.1. Assessing quality risks and estimating Test effort
- 4.2. Techniques in Agile projects
- 4.3. Tools in Agile Projects