training code: TAGL / ENG DL 2D / EN

Agile Testing Foundation Level

Training recipients

This proprietary training course is designed for software testers who want to validate their knowledge of testing practices in Agile software development projects and prepare for the **ISTQB® Certified Agile Tester Extension (CATE)** certification exam.

Benefits

Upon completion of the training, participants will:

- Be well prepared for the ISTQB® Certified Agile Tester (CATE) exam.
- Gain a comprehensive understanding of the most widely used Agile methodologies from a software tester's perspective.
- Refresh and consolidate their knowledge of the ISTQB® Certified Tester Foundation Level syllabus.
- Understand the differences and similarities between Agile and traditional software development approaches.
- Learn how testing activities fit into Agile development processes.
- Explore the benefits and challenges of Scrum and Extreme Programming (XP), together with practical approaches to common testing issues.
- Review sample examination questions and become familiar with the structure and style of the certification exam.
- Reinforce key ISTQB® Foundation Level concepts where necessary to maximize exam readiness.

Training program

1. Agile Software Development

- History of Agile software development
- The Agile Manifesto

- The 12 Agile Principles
- The role of the tester within an Agile development team
- Extreme Programming (XP)
  - Test-Driven Development (TDD)
  - Continuous Integration (CI)
- Scrum framework
- Kanban approach

2. Agile Testing Principles, Practices and Processes

- Whole-Team approach and the tester's responsibilities
- Risk management in Agile projects
- Documentation using User Stories

3. Agile Testing Methods, Techniques and Tools

- Estimation sessions and Planning Poker
- The Test Pyramid
- Agile Testing Quadrants
- Review of black-box test design techniques
- The role of Exploratory Testing in Agile projects



Expected preparation of the participant

Participants should have:

- Basic experience in software testing.

Candidates planning to take the **ISTQB® Certified Agile Tester (CATE)** examination must already hold the **ISTQB® Certified Tester Foundation Level (CTFL)** certificate.



Duration

2 days / 14 hours

Language

- **Course:** English
- **Materials:** English