

ISTQB Certified Tester Foundation Level - Agile Tester (CTFL-AT) Course

Course Duration: 24 Hrs.

Course Code: CTFL-AT

Course Overview

The **ISTQB Certified Tester Foundation Level – Agile Tester (CTFL-AT)** course is designed for professionals working in agile software development environments who want to understand the role of testing within agile teams. This course builds on fundamental testing concepts and focuses on agile values, principles, and practices, enabling testers to contribute effectively throughout the agile lifecycle. It prepares participants for the ISTQB CTFL-AT certification exam and helps them deliver high-quality software in fast-paced agile projects.

What You'll Learn?

By completing this course, you will be able to:

- Understand agile values, principles, and frameworks
- Apply testing fundamentals in agile projects
- Collaborate effectively within cross-functional agile teams
- Perform testing activities throughout iterative development
- Apply risk-based and exploratory testing in agile contexts
- Understand continuous integration and delivery from a testing perspective
- Prepare confidently for the ISTQB CTFL-AT certification exam

Target Audience

This course is ideal for:

- Software testers and QA engineers working in agile teams
- Agile team members such as developers and business analysts
- Test analysts and test engineers
- Project managers transitioning to agile methodologies
- Professionals seeking ISTQB Agile Tester certification

Pre-Requisites

Participants should have:

- ISTQB Certified Tester Foundation Level (CTFL) certification
- Basic understanding of software testing concepts
- Familiarity with agile practices is helpful but not mandatory
- Experience working in software development projects is beneficial

Course Content

Module 1: Agile Software Development

- Agile values and principles
- Agile methodologies and frameworks
- Whole-team approach

Module 2: Fundamental Agile Testing Principles

- Testing quadrants and test levels in agile
- Early and continuous testing
- Role of the agile tester

Module 3: Agile Testing Methods and Techniques

- Risk-based testing in agile projects

- Exploratory testing
- Acceptance test-driven development (ATDD)

Module 4: Testing Throughout the Agile Lifecycle

- Test activities in iterations
- User stories and acceptance criteria
- Continuous feedback and improvement

Module 5: Test Automation and Continuous Integration

- Test automation in agile teams
- CI/CD and regression testing
- Managing technical and test debt

Module 6: Tools, Collaboration, and Continuous Improvement

- Agile testing tools and environments
- Collaboration and communication
- Improving quality in agile teams