

Course Objectives

To gain an understanding of the testing role within an agile project and be able effectively to apply practical skills associated with that role.

Who Will Benefit

This 4-day course with the exam on the 5th day is appropriate for delegates who are:

- moving into an Agile project performing testing activities;
- already performing testing activities in an Agile project who wish to increase their effectiveness;
- interested in the testing activities within Agile, such as Managers, SCRUM Masters and Developers.

Prerequisites

Delegates should already be familiar with: testing using Equivalence Partitioning, Boundary Value Analysis, State Transition Testing, Decision Tables and Exploratory Testing; basic testing terminology; understand the difference between functional and non-functional testing including the basic concepts of Performance and Usability testing; performing all the activities associated with the fundamental test process.

Therefore before taking part in this course it's highly recommended that delegates have undertaken *ISTQB® Certified Tester Foundation Level* training and passed the Foundation Level exam.

Skills Gained

At the end of the course and on passing the exam successful Certified Agile Testers will be able to:

- Understand the principles behind the agile approach to software development.
- Differentiate between the testing role in agile projects compared with the role of testers in non-agile projects.
- Positively contribute as an agile team member focused on testing.
- Appreciate the challenges and difficulties associated with the non-testing activities performed in an agile team.
- Demonstrate a range of soft skills required by agile team members.

Course Content

There are practical exercises throughout the course which build on the theory covered during the four days. This theory includes:

Day 1 ~ Methods and Processes

Agile and Traditional Methods; the Agile Manifesto and Principles; SCRUM; and Agile Roles.

Day 2 ~ Planning

Requirements and Specifications; Iteration 0; Release Planning; Task Board; Test Strategy; Estimation; Iteration Planning; Burndown Charts.

Day 3 ~ Testing

Continuous Integration; Version Management; Pairing; Acceptance Criteria; Regression Testing; Defect Management.

Day 4 ~ Teams

Test Automation; Non Functional Testing; Technical & Testing Debt; Teams; Agile for Large Projects.

Exam

The examination to become a Certified Agile Tester is separated into three different parts:

- a soft skills assessment on capacity for teamwork;
- a written essay based exam to demonstrate profound theoretical knowledge;
- a practical section where the examinee's testing skills are put to the test.

The soft skills will be assessed throughout the four training days, whereas the written and practical examinations will take place on the fifth day.

Further Information:

aquacomputing.com/insight/which-agile-tester-qualification

Bookings and Enquiries:

enquiries@aquacomputing.com

