



Certified Agile Tester course

About the course

CAT is the world's first practical Agile Testing certification, designed to enable those with testing experience to become effective members of an Agile project. Internationally recognized, CAT provides structure and discipline as well as common language and methods, ensuring global best practice is followed in Agile projects.

Agile is flexible and adaptive with frequent feedback loops, far different from the traditional regimented methodologies. During the four day training (the exam takes place on the 5th day), delegates will acquire all the required skills to apply agile methods to testing. While theory about the Agile Manifesto, frameworks, processes and methods are essential to understand agility, the Certified Agile Tester certification goes one step further. The key to success in agile projects relies heavily on each individual's ability to collaborate and self-manage. When strict guidelines and hierarchies are exchanged for a dynamic, communication-rich environment, a common language is vital. The Certified Agile Tester course provides all the skills and competencies required to run agile projects efficiently. Extensive activities throughout the course allow participants to put into practice the theory learnt. Experience real-world Agile testing practices with this hands-on training course and maximise learning outcomes!

All classroom students are provided with a number of unique benefits when studying with LearnTesting:

1. 1-year access to the LearnTesting Knowledge Library including Agile Seminar videos and 50 e-books (including books on the subject of Agile);
2. 30 days prior access to the LearnTesting online ISTQB Foundation Course as a refresher (a recommended pre-requisite to attending this course); and
3. Access to the LearnTesting Helpdesk for administration and tutor support services at any time during their study and exam preparation.

Who is it for?

The main target audience consists of software testers who work in agile projects. This certification is designed for Test Practitioners wanting to enhance their effectiveness in performing testing activities in Agile projects, as well as Managers, SCRUM Masters, Developers or anyone moving to Agile.



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The Exam

The exam will be held on the 5th day of the course. The Certified Agile Tester exam consists of 3 distinctive parts:

- a practical portion to test the use of appropriate planning, techniques and feedback
- a theoretical knowledge portion, which will be conducted through the use of open questions, including scenario based questions
- a soft skills assessment determining your capacity for teamwork and collaboration (Days 1-4)

About the programme

This in-depth training program was developed with industry leading companies including Barclays, Hewlett Packard, IBM, Microsoft, Planit, SAP, Siemens and Zurich. One year after its introduction, the Certified Agile Tester training program has been formally recognised, being awarded the 'Best of 2012 – Human Resources' in Germany's IT Innovation Prize. CAT triumphed over 2,500 competing entries in the 'Human Resources' category that ranged from recruiting to performance management to training.

Course Objectives

At the end of the course, successful students 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

Entry requirements

There are no formal requirements for entry to the training course, although candidates are highly recommended to have taken the ISTQB / BCS Certified Tester - Foundation Level certification.

Candidates who are interested in Certified Agile Tester should also be familiar with the following about testing:

- Basic Test 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
- Test Design - EP / BVA / State Transition / Decision tables / Exploratory

Course Syllabus

Methods and Processes:

Introduction - Daily SCRUM - Problems with Traditional - Agile Manifesto & Principals - Agile Methods - Agile Process Option - Roles - Intro to Agile Exercise

Planning:

Requirements & Specifications - Iteration 0 - Release Planning - Task Board - Test Strategy - Estimation - Iteration Planning - Burndown Charts - Sprint Practice Exercises

Testing:

Continuous Integration - Version Management - Pairing - Acceptance Criteria - Regression Testing - Defect Management - Testing Exercises

Teams:

Test Automation - Non Functional Testing - Debt Technical & Testing - TDD - Teams - Agile for Large Projects - Summary Testing Exercises

Further details

For further information (including dates and various UK locations) and how to register please call 01895 256 484 or email info@unicom.co.uk.

www.unicom.co.uk