PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: ISTQB® Advanced Agile Technical Tester	**Course Duration**: 3.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: ISTQB® Advanced Agile Technical Tester Certificate	

Course Syllabus

After our ISTQB® Advanced Agile Technical Tester training course, you should be able to demonstrate their skills in the following areas:

- Analyse user stories and epics using requirements engineering techniques
- Describe the requirements engineering techniques and how they can help testers
- Create and evaluate testable acceptance criteria for a given user story using requirements engineering and test techniques
- Describe the elicitation techniques
- Apply test-driven development (TDD) in the context of a given example in an Agile project
- Understand the characteristics of a Unit test
- Understand the meaning of the mnemonic word FIRST Apply behaviour-driven development (BDD) in the context of a given user story in an Agile project
- Understand how to manage guidelines for a formulation of a scenario
- Analyse a product backlog in an Agile project to determine a way to introduce acceptance test-driven development
- Analyse the creation of a test approach using test automation, experience-based tests and back-box tests created using other approaches (including risk-based testing) for a given scenario in an Agile project
- Explain differences between Mission critical and non-critical
- Analyse user stories and epics to create test charters, and interpret their results
- Understand the use Experienced-based techniques
- Understand the importance of refactoring test cases in Agile projects
- Understand practical task-list for Refactoring Test cases
- Analyse code as part of a code review to identify defects and technical debt
- Understand Static code Analysis
- Apply data-driven and keyword-driven test techniques to develop automated test scripts
- Understand how to apply test automation to a given test approach in an Agile environment
- Understand the test automation
- Understand differences between various test approaches
- Understand the factors to consider when determining the level of test automation needed to keep up with the speed of deployment
- Understand the challenges of test automation in agile settings
- Apply continuous integration (CI) and summarise its impact on testing activities
- Understand the role of continuous testing in continuous delivery and continuous deployment
- Understand the concept of service virtualisation and its role in Agile projects
- Understand the benefits of service virtualisation

Course Overview

Our three-day ISTQB® Advanced Agile Technical Tester training course extends the broad understanding of testing acquired at ISTQB® Foundation level to enable the role of Agile Technical Tester to be performed.

Our ISTQB® Advanced Agile Technical Tester training course will teach you Agile techniques to ensure tests that provide adequate coverage.

Course Learning Outcomes

After our ISTQB® Advanced Agile Technical Tester training course, you should be able to demonstrate the following business-based outcomes:

- Apply Agile techniques to ensure tests that provide adequate coverage
- Define testable requirements within Agile Team
- Create and implement various Agile Test approaches using appropriate techniques
- Support and contribute to test automation activities in an Agile project
- Support continuous integration in an Agile Team
- Support Agile Team in continuous delivery and deployment
- Learn the service virtualisation concepts
- Work with, and share information with, other team members using effective communication styles and channels

Audience

Our ISTQB® Advanced Agile Technical Tester training course is principally aimed at test practitioners who have achieved an advanced point in their careers in software testing and are expecting to be actively involved in agile teams and technical testing, including requirements engineering, test automation and deployment and delivery, and who want to increase their knowledge and skills beyond the levels covered by the Foundation and Intermediate qualifications.

This includes people in roles such as:

- Testers
- Test Analysts
- Test Engineers
- Test Consultants
- Test Managers
- User Acceptance Testers
- Software Developers
- Project Managers
- Quality Managers
- Software Development Managers
- Business Analysts
- Management Consultants

Entry-Level Requirements

The entry-level requirements for our ISTQB® Advanced Agile Technical Tester training course are that you must the ISTQB® Foundation certificate and it is also suggested that you have a minimum of 2 years of testing experience.

Recommended Reading

There is no formal prereading for our ISTQB® Advanced Agile Technical Tester training course.

What's Included

Our ISTQB® Advanced Agile Technical Tester training course includes the following:

- Full Course Materials
- ISTQB® Advanced Agile Technical Tester Exam

Exam Information

ISTQB® Advanced Agile Technical Tester Exam:

To receive Advanced Level certification in the module Agile Technical Test Analyst, you must hold a valid Certified Tester Foundation Level certificate and Certified Agile Foundation Extension certificate:

- 40 multiple choice questions, which contain a list of possible answers
- Duration of 90 minutes (or 113 minutes for candidates taking examinations that are not in their native language)
- You must score at least 65% to pass (26/40)

What's Next

Whenever you are ready for the next step in certification, here are the most common follow on courses after the ISTQB® Advanced Agile Technical Tester training course.

- ISTQB® Foundation
- ISTQB® Advanced Test Analyst
- ISTQB® Advanced Technical Test Analyst
- ISTQB® Advanced Test Manager
- Combined ISTQB® Foundation & Agile Foundation Extension
- ISTQB® Foundation Agile Extension
- ISTQB® Advanced Test Automation Engineer
- ISTQB® Advanced Agile Technical Tester
- ISTQB® Acceptance Tester
- ISTQB® Advanced Security Tester
- ISTQB® Mobile App Tester
- ISTQB® Model Based Tester

Additional Information

Founded in 2002, ISTQB® (International Software Testing Qualifications Board) is a not-for-profit association comprising 47 national boards (including the UKTB) covering 71 countries worldwide.

ISTQB® has defined the Advanced certification as part of their ‘Certified Tester’ scheme that, with over 240,000 certifications, has become the de-facto worldwide standard for software testing qualifications.