Course Title: Combined ISTQB® Foundation & Agile Foundation Extension	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Prometric Exam
Qualification: ISTQB® Foundation & Agile Foundation Extension Certificate	

Course Syllabus

Our Combined ISTQB® Foundation & Agile Foundation Extension training course will help to:

- Prepare you for the Foundation Certificate in Software Testing based on the ISTQB syllabus
- Improve understanding of software testing – its purpose and nature – and to raise awareness of issues and constraints around testing
- Learn standard terminology
- Introduce test techniques (static, white & black box) to delegates as well as providing practical experience of key techniques;
- Provide a complete picture of the test processes from requirements review to system implementation; and
- Provide you with an environment that supports your learning and impart them with the necessary confidence and means to support their future career as a test professional.
- Collaborate in an agile team, being familiar with agile principles and practices
- Adapt existing testing experience, knowledge, and best practices
- Support the agile team in planning test related activities
- Apply relevant test methods and techniques
- Assist in test automation
- Help business stakeholders define understandable and testable user stories and acceptance criteria
- Work with and share information with other team members

Course Overview

Our five-day Combined ISTQB® Foundation & Agile Foundation Extension training course covers the fundamentals of software testing providing you with the necessary foundations for a career as a software testing professional.

Our Combined ISTQB® Foundation & Agile Foundation Extension training course includes a high proportion of hands-on practical team-based activities to allow you to get a true feel for how agile projects work in the real world.

Course Learning Outcomes

At the end of our Combined ISTQB® Foundation & Agile Foundation Extension training course, you will be able to:

- Use a common language for efficient and effective communication with other testers and project stakeholders.
- Understand established testing concepts, the fundamental test process, test approaches, and principles to support test objectives.
- Design and prioritise tests by using established techniques.
- Analyse both functional and non-functional specifications (such as performance and usability) at all test levels for systems with low to medium levels of complexity.

- Execute tests according to agreed test plans, and analyse and report on the results of tests.
- Write clear and understandable incident reports.
- Effectively participate in reviews of small to medium-sized projects.
- Be familiar with different types of testing tools and their uses; and assist in the tool selection and implementation process.
- Delegates should be able to; collaborate in an agile team, being familiar with agile principles and practices.
- Adapt existing testing experience, knowledge, and best practices, and apply relevant test methods and techniques; Help business stakeholders define understandable and testable user stories and acceptance criteria.

Audience

Our Combined ISTQB® Foundation & Agile Foundation Extension training course is principally aimed at anyone directly involved in software testing who needs to demonstrate a practical knowledge of the fundamental concepts such as Testers, Test Analysts, Test Engineers, Test Leads, Test Consultants, Test Managers, User Acceptance Testers and Software Developers. It also suitable for those who are or expect to be working on agile projects and those who seek a practical application of the core software testing material covered at ISTQB Foundation level to agile projects.

Entry-Level Requirements

You should have a basic working knowledge of IT.

Recommended Reading

You should have read the provided syllabus in preparation for the Combined ISTQB® Foundation & Agile Foundation Extension training course. Our Combined ISTQB® Foundation & Agile Foundation Extension training course is intensive and those who have prepared achieve a higher exam success rate.

What's Included

Our Combined ISTQB® Foundation & Agile Foundation Extension includes the following:

- Full Materials
- Highly Skilled and Knowledgeable Tutors
- ISTQB Foundation & Agile Tester Extension Examination

Exam Information

Combined ISTQB® Foundation & Agile Foundation Extension Exam:

To qualify as an internationally-recognised Certified Foundation Level Tester and be issued with an ISTQB® Foundation Level Certificate, delegates must successfully pass the exam administered by the relevant National Board or Examination Provider.

- The examination consists of a one hour exam with 40 multiple choice questions.
- It will be a ‘closed book’ examination i.e. no notes or books will be allowed into the examination room.
- Duration of 60 minutes (or 75 minutes for candidates taking examinations that are not in their native language)
- No study material or electronic devices (including mobile phones) may be used during the examination
- Candidates are allowed to use simple non-programmable calculators (to be provided by the candidate)
- An official translation of terms (not their definitions) from the ISTQB® Glossary to the local language is allowed

- Candidates taking exams that are not in their native language may use a paper-based translation dictionary.
- The pass mark is 65% (26 out of 40)

The exam can be taken on line at any Pearson Vue Center, for which a voucher will be provided following completion of the training course. The exam voucher is valid for 6 months.

What's Next

Our four-day ISTQB® Advanced Certificate For Test Analysts training course extends the broad understanding of testing acquired at BCS/ISTQB Software Testing Foundation level to enable the role of Test Analyst to be performed.

Additional Information

The following topics are included in our Combined ISTQB® Foundation & Agile Foundation Extension training course:

- Software Testing Fundamentals
- Testing throughout the software life cycle
- Static techniques
- Test design techniques
- Test management
- Tool support for testing
- Agile Development & the Agile Manifesto
- The ‘Whole-Team’ Approach
- Early and Frequent Feedback
- Agile Tester Roles & Skills
- Agile Development Approaches (Scrum, XP and Kanban)
- Release & Iteration Planning
- Burndown Charts
- Project Initialisation
- Collaborative User Story Creation & Acceptance Criteria
- Assessing Quality Risks and Estimating Test Effort
- Test-Driven Development, Acceptance Test-Driven Development, and Behaviour-
- Driven Development
- Continuous Integration
- The Differences between Testing on Traditional and Agile Projects
- The ‘Definition of Done’
- Agile Taskboards
- Options for Independent Testing in Agile
- The Test Pyramid
- Testing Quadrants
- Exploratory Testing in Agile Projects
- Functional and Non-Functional Black Box Test Design for User Stories
- Agile Retrospectives
- Managing Regression Risk with Evolving Manual and Automated Test Cases
- Refactoring & Technical