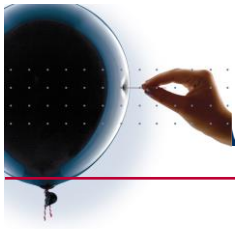# ISTQB FOUNDATION LEVEL AGILE TESTER EXTENSION CERTIFICATE IN SOFTWARE TESTING

Introduction

The International Software Testing Qualifications Board (ISTQB) consists of Member Boards representing countries or regions around the world.

As the software development context is changing continuously, ISTQB developed two extensions to the Foundation Level Certification:

- the Agile Tester Extension;
- the Model-Based Tester Extension.

Agile testing is a relatively new approach to software testing that follows the principles of agile software development as outlined in the Agile Manifesto. Testers must understand the values and principles that underpin Agile projects as they impose important needs towards software testing and the tester role:

- Software Testers integrating in Agile teams offering the benefits of their unique software quality mindset;
- Being able to quickly report on software quality;
- Being able to efficiently respond to change.

The Foundation Certificate in Software Testing Agile Extension, based on the ISTQB Syllabus is a professional qualification that is recognized by many companies as the standard by which Agile testing staff are measured. The certificate is rapidly becoming more important in an increasingly competitive market.

As Accredited Training Provider, ps_testware offers a two day course (both scheduled in our premises and on-site) preparing you for the exam leading to the ISTQB Foundation Certificate in Software Testing Agile Extension based on the ISTQB Syllabus.
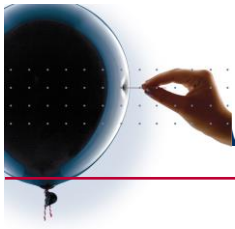
But by performing various practical assignment throughout the course, you can also develop some necessary skills and practices.

At the end of the training you have the opportunity to take the exam at the training location. We have an excellent pass rate, which is consistently over 90%.

Intended audience

Software developers, testers (both technical and user acceptance testers), test analysts, test engineers, test consultants, and managers including test managers, project managers, quality managers - essentially anyone with an interest in testing.

Candidates must hold the ISEB/ISTQB Foundation Certificate in Software Testing.

On completion participants will

- Know how to efficiently integrate in an Agile team by knowing and understanding basic Agile development principles;
- Be aware of Agile techniques and standards;
- Contribute to the organization of testing in an Agile project;
- Have an awareness of specific Agile testing approach;
- Define and design non-ambiguous and testable user stories (scenarios, requirements, acceptance criteria);
- Learn and practice Agile techniques with hands-on group workshops and exercises;
- Be able to establish the basic steps of the Agile testing process.

Course outline

The table below provides a high-level overview of the course content. You can download the detailed ISTQB Syllabus from the ISTQB website.

Day 1

- Fundamentals of Agile Development and Testing
  - What is Agile Software Development,; what does it imply;
  - General principles; fundamental Agile processes; Agile practices;
- Methods, tools and techniques to support Agile Testing
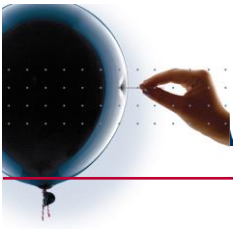 - Agile test process; estimation process; tools.

Day 2

- Methods, tools and techniques to support Agile Testing (continued)
  - Agile test process; estimation process; tools.
  - Identifying test conditions and designing user stories; test design techniques;
- Sample exam (commented) + Optional certification exam

Hands-on practice (spread over day 1 and day 2)

- Collaborative design of user stories
- How to be a tester in a SCRUM team
- Evaluate the project and quality risks in an Agile project
- Test effort estimation
- Interpret the relevant information so as to support testing activities
- Test-driven development test cases
- Black box test cases based upon user stories
- Exploratory testing in practice
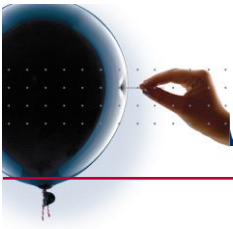
ps_testware
Your devil's advocate

Exam specifics

- The course concludes with a one hour externally invigilated examination which is marked by iSQI.
- Examination results will be communicated by iSQI not later than 2 weeks after the examination date. Certificates will be issued at the same time or at the latest within 6 weeks of the result notification.
- Alternatively, you can take a computer-based exam at a certified examination center or, in France, on our premises.
- Taking the exam is optional.

Course details

- The standard course language is English unless indicated otherwise or all participants are Dutch/French speaking. The course material is in English;
- Course hours are from 9:00 to 17:30 and lunch breaks from 12:30 till 13:30;
- The course includes handouts, refreshments and lunch.

Price information

- For pricing information, please contact ps_testware:
  - Email: infobe@pstestware.com; infofr@pstestware.com
  - Phone (Belgium): +32-16-35.93.80
  - Phone (France): +33-3-20.04.97.39

REGISTRATION FORM

Name of course: _____

Course location: _____Course Date(s):_____

Course Fee: €_____x __ = € _____

Exam Fee: €_____x __ = € _____

TOTAL: =   € _____

Registrant(s):

Full name	Email	Phone	Exam
			Yes / No
			Yes / No
			Yes / No

Organisation: _____

Contact person (if not registrant): _____ Phone No: _____

Contact Email Address: _____

Invoice address: _____
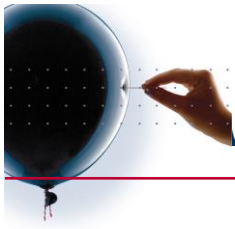
_____

Our reference number: _____

VAT number: _____

I have read, understood and agreed to ps_testware Terms and Conditions, related to courses, as outlined in the accompanying document. Payment will be done based on the received invoice for this registration.

Signature: _____ Date: _____

Please send this completed to either:

Fax: +32-16-35.93.88 for courses being held in Belgium
Fax: +33-3-59.30.42.02 for courses being held in France
Email: info@pstestware.com

Terms & Conditions ps_testware courses

A signed registration form, returned to one of the ps_testware offices indicates that you have read and agreed to the terms and conditions set out below:

1. A place on any course is reserved only upon receipt of a signed course registration form accompanied by a purchase order (if applicable) for an amount equal to the quoted course fee.

2. Full payment for all course activities will be done according payment conditions as will be indicated on the invoice.

3. ps_testware reserves the right to cancel or re-schedule courses. In the event of such cancellation all paid fees will be credited towards the next available course.

4. In the event of customer cancellation, 25% of course fee will be invoiced if registration is cancelled within 1 month before the course and 100% of course fee will be invoiced if registration is cancelled within two weeks before the course. Course participants can be replaced at no cost. There is no refund possible for the exam fee in case of (exam) cancellation.

5. Specific course details (introduction, intended audience, results, course outline, time table) can be found on our website (www.pstestware.com – services - training) or in the applicable course flyer;

6. Our courses can also be organized on demand, on site at your premises or online;

7. All courses include lunch and refreshments;

8. Course material and exams are in English. Courses are given in the applicable local language. However when not all participants speak the same language, then the English language is used;

9. All prices are excluding VAT;

10. The following group discount is applicable: 3rd participant (-5%), 4th participant (-10%), 5th and 6th participant (-15%);

11. There is no refund possible for the exam fee in case of (exam) cancellation.

12. Public course dates can be found on our website www.pstestware.com – services – training;