

Training information 2019

- Location and dates: check the training calendar
- Time: 9.15 – 17.00
- Fee: € 995, excluding VAT, excluding examination fee € 200
- Coffee, tea, lunch and trainings material (English) are included in the training fee
- Three months of free e-coaching
- Information: phone +31 (0)40-202 1803 or e-mail opleidingen@improveqs.nl

Possibilities in-house training

Improve provides this training in-house and tailored to your specific situation or needs upon request. If desired provided in English. For further information, please contact us at +31 (0)40-202 1803 or opleidingen@improveqs.nl.

REGISTRATION

You can register for this training on our website

Improve Quality Services BV
Prof. Dr. Dorgelolaan 30
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www.improveqs.nl

An international standard
in software testing

On all registrations and courses our general and additional conditions apply:
www.improveqs.nl/english/terms-and-conditions/

ISTQB

ISTQB Foundation Extension Agile Tester

Learn the principles of agile software development and testing, the difference between traditional testing and test methodologies, test techniques and tools in agile context.



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ISTQB

ISTQB Foundation Extension Agile Tester

In November 2002, the International Software Testing Qualification Board (ISTQB) was founded with the objective to establish the further internationalization and harmonization of the test certification program.

Description

Meanwhile, there is a fully recognized and globally harmonized ISTQB certification scheme. The ISTQB testing certification program is divided into three levels:

- Foundation Certificate
- Advanced Certificate
- Expert Certificate

This accredited two day course gets you ready for the 'Foundation Extension – Agile Tester' exam and complies with the requirements set up by ISTQB. You'll learn the principles of agile software development and testing, the difference between traditional testing and test methodologies, test techniques and tools in an agile context.

After this training:

- You'll know the basic principles of agile software development
- You'll be able to write user stories
- You'll understand how retrospectives are used to improve processes

- You can explain the differences between the traditional and agile approach
- You'll understand the role and required skills of a tester in an agile team
- You'll know the different agile test methodologies
- You can fulfill and execute the role of agile tester
- You can determine quality risks
- You can estimate the test effort
- You'll be able to choose and apply test techniques in an agile context
- You'll be prepared for the ISTQB exam
- You'll receive a professional recognized international certificate

Who should attend this training?

The training is meant for you if you already have some experience and want to learn more about agile testing.

Roles of participants in the organization

This training is meant for:

- Test analysts
- Test coordinators
- Test consultants
- Test managers

Prior knowledge or training required

You're required to have the ISTQB Foundation Certificate in Software Testing.

Program

In this two-day training you will learn about structured testing from both theoretical and practical perspective. Exercises and forming opinion are an important part in this course. During the course you will practice test exams. It is recommended to prepare for the exam by studying the curriculum in the evenings. If you pass the exam, which is being taken by iSQI, you'll receive an official ISTQB Foundation Extensions – Agile Tester Certificate.

Subjects

Principles of agile development

- Agile manifesto
- User stories
- Retrospectives
- Continuous integration
- Release and iteration planning

Differences between traditional and agile approaches

- Test- and development activities
- Independent testing in agile
- Work Products

Status of testing in agile projects

- Testing during multiple iterations
- Test automation

Characteristics of an agile tester

- Role of a tester
- Skills of a tester

Agile test methodologies

- Test Driven Development
- Acceptance Test Driven Development
- Behaviour Driven Development
- Test pyramid
- Testing Quadrants

Quality risks and test effort determination

- Considering quality risks in a project
- Estimating the required test effort

Techniques in agile project

- Determining testable acceptance criteria
- Writing ATDD test cases
- Writing Test cases for both functional and non-functional aspects
- Exploratory testing

Tools for agile projects

- A view on available tooling