



Certified Agile Tester®

**INTERNATIONALLY
RECOGNIZED CERTIFICATION**

**All about testing in an agile
context: Theory and Practice**

Improve Quality Services BV provides
the five-day accredited test-course in preparation for
the Certified Agile Tester exam.



Including 3 months free e-coaching



Certified Agile Tester®

More and more organizations are switching from the traditional waterfall-model to agile development methods (XP, RUP, DSDM, Scrum, etc.), often successfully. Testers are expected to test their knowledge and skills to apply in an agile environment. In addition, they get to deal with typical agile practices such as iterative development, time boxing, stand-up meetings, continuous integration, test driven development and early validation.

But what does this mean for the test approach? To what extent their practices and knowledge (TMap, ISTQB) still apply? In practice, this knowledge is just a very good basis. But how do you apply these test methods and techniques in an agile environment? That translation requires a clear insight into the background and objectives of agile development. What demands an agile environment to the test approach, to the knowledge and above all to the skills of the test professional?

Improve Quality Services

Improve Quality Services BV (Improve) is a specialized organization that focuses on innovative high quality services in the area of testing and quality management. Improve can organize and upgrade the test process in an agile development environment, where quality is guaranteed. Here we apply, based on our experience, known testing techniques, best practices and practical experiences and processes so that the values of the 'agile' work accomplished.

This course is designed to help participants in theory and practice to understand the role of tester in an agile project. The course therefore consists of providing theory and training practical skills.

Objectives

After this course

- the participants have in-depth knowledge of the principles of the agile approach to software development
- they know the difference between the roles of testers in agile and non-agile projects
- they can make a positive contribution as agile team-member focused on testing
- they have knowledge of the problems and challenges of the activities within an agile team, not directly related to testing
- participants understand the soft skills required to successfully operate within an agile team

The course prepares participants for the exam Certified Agile Tester which is taken on the last day. The exam consists of a half day practical exam and a half day theoretical exam using open questions.

Audience

The course is aimed at those who in practice, for at least a year, are involved in software testing and want to gain a better insight into testing in an agile context.

The course will cover:

- Testers, test coordinators and test managers who work or will work in agile projects;
- People who are already involved in agile projects and want to increase their effectiveness;
- Anyone interested in testing activities within agile projects such as managers, SCRUM masters and developers

Prerequisites: An ISTQB Certificate in Software Testing at Foundation Level or a certificate TMap NEXT Test Engineer is recommended.

Course Outline

The course lasts five days. The emphasis is on building knowledge and skills to a practical application. Practicing the Scrum team approach is an important part of the course. The course is therefore designed as a sprint.

On the last day of the training, the examination is conducted by iSQL. The exam consists of some open questions in order to test the theoretical knowledge and a practical component to test the skills of the candidate.

Program

Every day

- Daily SCRUM
- Soft Skills Assessment

Day 1

- History and terminology
- Agile manifesto
- Principles and methods

Day 2

- Planning
- Requirements
- Budgeting
- Strategy

Day 3

- Context of the developer
- Testing and retrospectives

Day 4

- Test Driven Development
- Test automation
- Non-functional testing

Day 5 Exam day

- Practical part
- Written theory part

Possibilities in-house training

Upon request, the course can be held in-house at your organization. For more information, please contact us at 040 – 202 1803 or opleidingen@improveqs.nl

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