orsys
TRAINING

ISTQB® Foundation level, Agile Tester (CTFL-AT): Certification

Hands-on course of 2 days - 14h
Ref.: TSA - Price 2025: 2 010 (excl. taxes)

EDUCATIONAL OBJECTIVES

At the end of the training, the trainee will be able to:

Be efficient in activities related to testing an Agile project by working with the team.

Adapting testing fundamentals to an Agile project.

Selecting and applying the right tools and methods for the project.

Helping the team as a whole conduct effective tests.

TEACHING METHODS

This course relies on a combination of hands-on exercises and instruction in fundamental methods and concepts.

CERTIFICATION

This course ends with taking the ISTQB certification exam.

THE PROGRAMME

last updated: 06/2024

1) Fundamentals of Agile software development
- Agile software development and the Agile manifesto.
- The integrated approach.
- Notion of early and frequent feedback.
Exercise : - Understanding the Agile Manifesto. Putting together an integrated team and making it work.

2) Characteristics of Agile approaches
- Approaches of Agile software development
- Collaborative User Story creation.
- Retrospectives.
- Continuous integration.
- Version and iteration schedule.
Exercise : MCQ preparation for the test. Optimizing retrospectives. Building an iteration schedule and a release schedule.

3) Differences between traditional testing and Agile approaches
- Testing and development activities.
- Project activity products.
- Testing levels.
- Test management and configuration management tools.
Exercise : Planning test activities in an Agile project. Tester-developer or developer-tester?

4) Status of testing in Agile projects
- Communicating test statuses, progress, and product quality.
- Managing risks of regression by improving manual and automated test cases.
Exercise : MCQ: Questions about principles, practices and fundamental practices of Agile.

5) Roles and skills of a tester in an Agile team
- Skills of an Agile tester.
- The role of a tester in an Agile team.
Role-playing : Tester headset on an Agile project.

6) Methods, techniques and tools for Agile testing

- Test-driven development.
- The test pyramid.
- Test quadrants, test levels, and test types.
- The role of a tester.
- Product quality risk assessment and estimating test effort.
- Techniques in Agile projects.
- Tools in Agile projects.

Role-playing : Being a tester in a Scrum team. Identifying and handling product risks. Test reporting and analysis.

7) ISTQ® certification exam

- 40-question MCQ. 60-minute duration.
- Taking the exam.

DATES

REMOTE CLASS
2025 : 13 oct.