

Course outline: Agile Tester Extension (Foundation Level Agile Tester)

Duration :(3 days)

Pre-requisites

- ISTQB – CTFL if you want to take the exam.
- Software Development Life Cycle awareness.

Target Audience

- Professionals who working within Agile environments.
- Professionals who planning to start implementing Agile methods.
- Professionals who like to know Agile activities, roles, methods, and methodologies.
- Professionals who have testing experience in traditional methods and would like to get an Agile Tester Certificate.
- Professionals who start in the testing profession.
- Professionals who need more understanding about how to perform and manage to test in Agile projects

Course Content

- How to work in a cross-functional teams.
- Being familiar with principles and basic practices of Agile development.
- Adapt testing experience and knowledge to Agile values and principles.
- Support the Agile team in planning test-related activities.
- Apply relevant methods and techniques for testing in an Agile project.
- Assist stakeholders in defining testable user stories, scenarios, requirements and acceptance criteria as appropriate.
- Outline
- Agile Software Development □ Agile Manifesto.
- Agile Principles.
- Agile Approaches.
- Agile Practices.
- Fundamental Agile Testing Principles, Practices, and Processes □ Testing activities in Agile projects and non-Agile projects.
- How to communicate the status of testing.
- Test automation and regression risk in Agile projects.
- Skills and Roles of a tester within an Agile team (people, domain, and testing).

- Agile Testing Methods, Techniques, and Tools
- Agile Testing Approaches (TDD, ATDD, and BDD).

- Test Levels and Types in Agile.
- Tester role in Scrum team.
- Agile and Risk Management.
- Estimate testing effort.
- Definition of Done.
- How to define testable acceptance criteria.
- How to write acceptance test-driven development test cases.
- Agile and Testing Techniques.
- Tools support testers in Agile projects.

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