ISTQB Agile Tester Course

Overview

This course provides testers and test managers with an understanding of the fundamentals of testing on agile projects. Attendees will learn how agile software development projects are organized, and the various types of agile development practices in common use. They will understand how agile development differs from traditional approaches, how to position testers in an agile organization, the fundamental agile testing principles, practices, and processes, and the skills they'll need to excel in an agile environment. The attendees will learn ways to estimate and organize testing within agile projects and the application of risk-based testing on agile projects. They'll also gain a basic understanding of the important testing and test-related tools commonly used on agile projects.

Course Objectives

At the end of the course, successful trainees will be able to:
- Understand the principles behind the agile approach to software development
- Differentiate between the testing role in agile projects compared with the role of testers in non-agile projects
- Positively contribute as an agile team member focused on testing
- Appreciate the challenges and difficulties associated with the non-testing activities performed in an agile team
- Demonstrate a range of soft skills required by agile team members
- Achieve the Certified Tester Foundation Level—Agile Tester Certification

Outlines

1- Agile Software Development

- Fundamentals of agile software development
- Aspects of Agile approaches

2 - Fundamental Agile Testing Principles, Practices, and Processes

- The Differences between Testing in Traditional and Agile Approaches
- Status of Testing in Agile Projects
- Role and Skills of a Tester in an Agile Team

3- Agile Testing Methods, Techniques, and Tools

- Agile Testing Methods
- Assessing Quality Risks and Estimating Test Effort
- Techniques in Agile Projects
- Tools in Agile projects

Duration
• (2) Days
• (16) Hours: (8) Hours/Day.

Pre-requisite:

This Course is designed for software testing professionals who would like to understand the Testing Framework in detail along with its types, methods, and levels.