ISTQB Agile Foundation Extension - 2 Days includes exam

About the Course

The Agile Testing Foundation course extends the broad understanding of testing acquired at Foundation Level and covers those topics which are considered to be essential knowledge for a test professional working on agile projects.

This intensive two-day tutor-led course contains lectures, exercises and practical work and includes a high proportion of hands-on practical team-based activities to allow candidates to get a true feel for how agile projects work in the real world. This course has been rated at SFIAplus level 4.

The exam is taken after the course and attendees will be issued with a Pearson Vue voucher to be used at your local Pearson Vue centre.

After successfully completing the course, delegates should be able to:

- understand the basis of the agile approach
- combine test activities to create the test process for an agile project
- understand and contribute to those activities that are characteristic of agile projects
- participate in release and iteration planning on an agile project
- organize and perform testing on agile projects
- suggest improvements to both the development and testing on an ongoing agile project
- understand the complexities that are inherent in larger agile projects

Who is it for?

The Agile Testing Foundation course is suitable for those who are, or expect to be, working on agile projects. It is aimed at those who seek a practical application of the core software testing material covered at ISTQB Foundation level to agile projects.

This course is also appropriate for anyone who wants a deeper understanding of agile development that specifically contains coverage of the options for including software testing as an integrated part of the agile development approach. This includes Scrum Masters, project managers, release managers, quality managers, software development managers, business analysts and management consultants.

Entry Requirements

The recommended entry criteria for candidates taking the Agile Testing Foundation course are as follows:

- Have 18 months' experience in software testing
- Holds ISTQB Foundation in Software Testing certificate

The Exam

To qualify as an internationally-recognized Certified Foundation Agile Extension Level Tester and be issued with an ISTQB® Agile Foundation Extension Level Certificate, delegates must successfully pass the exam administered by the relevant National Board or Examination Provider.

- The examination consists of a one-hour exam with 40 multiple choice questions.
- It will be a 'closed book' examination i.e. no notes or books will be allowed into the examination room.
- Duration of 60 minutes (or 75 minutes for candidates taking examinations that are not in their native language). The pass mark is 65% (26 out of 40).

Syllabus – Key points

- The Agile Manifesto
- The Agile Principles
- Agile Approaches
- Agile Teams
- Continuous customer involvement
- Scrum Activities
- Definition of Done
- Testing in the agile project
- Project Initialization
- User Stories
- Agile Task board
- Daily Stand-Up (Scrum) Meeting
- Code-first & test-driven development
- Continuous Integration, Automated Builds, and Automated Tests
- Refactoring
- Technical Debt
- Defect Reporting
- Release Planning
- Iteration Planning
- Burndown charts
- Acceptance Criteria
- User Story Checklists
- Exploratory Testing in Agile Projects
- Test Doubles
- Agile Test Tools
- Regression Testing
- Acceptance Testing
- Communication on agile projects
- Testing in Larger Projects
- Agile Retrospectives
- Multiple Agile Teams
- Version Management on larger project
- Distributed Teams

Next Steps

The Agile Testing Foundation course establishes a platform from which further more specialist skills and knowledge may be acquired.

- iSQI® Certified Agile Tester (CAT)
- BCS Intermediate
- ISTQB Advanced courses

How to buy

Call Experimentus on 0207 871 2300 or visit our website at: https://www.experimentus.com for further details.