

Agile Testing Foundations

Course title: Agile Testing Foundations

Course duration: 1 day

Designed for:

- Testers looking to move into Agile development
- Testers recently moved into Agile development
- Non-testers looking to see how / where testing adds value in their Agile development teams
- Testers looking for an Agile refresher

Objectives:

- Introduce the principles behind Agile
- Understand how we test software in an Agile development team
- Agile testing is a team activity

Topics:

- What is Agile? and Why?
- Why do we test software (snapshot of “Software Testing Foundations” / “Software Testing 101” module)
- Testing is questioning a product - learn how to ask questions about the product whilst it’s still an idea in someone’s head
- **Test Management**
 - Techniques for managing & recording Agile testing (e.g. Session Based Test Management)
 - How can each team member perform testing in an Agile development team
- **Test Planning**
 - Agreeing Acceptance Criteria as a team
 - Shared test approach - understand who is testing what & why
 - Striving for testability - know how you are going to test the thing before it is built
 - Using measurements from the performance of your software in an environment to assist your testing
- **Test Execution**
 - Learn how start testing without full specifications
 - Understand what testing you can / should do at each stage of the development cycle e.g.
 - During analysis
 - During development
 - In production
 - How to achieve continuous testing in an Agile development lifecycle
- **Test Reporting**
 - Sharing the findings of your testing in a format that the team wants to read
 - Building credibility for you & the results of your testing so that they get noticed
- **Bug Management**
 - Understand what bugs matter
 - How to report bugs so that they get noticed
 - Breaking away from the bug tracking tools

Prerequisites:

- None