

Agile Testing

Course Description

This course provides candidates with the knowledge of testing activities and roles in Agile development teams. It identifies testing interventions supporting Agile methods and how testers can add value through these interventions. Candidates are introduced to the concept of a proactive attitude, delivering testing and the ownership of quality.

Intended Audience

The course is of interest to Testers, Developers, Business Analysts and Test Managers who are venturing into the world of Agile or and wishing to progress.

Course Content

The course covers the following areas:

- Introducing Agile, Extreme Programming (XP) and SCRUM (these will form the backbone of the course)
- Levels of Testing in Agile:
 - Iteration
 - Integration (regression)
- User stories – defining “done”
- User stories – estimating test effort
- Quality criteria and owning quality
- Demonstrations as “tests”
- Integration – testing the iterations, release and regression coverage
- Defect tracking in Agile using the SCRUM board
- Attitude – being a member of an Agile team
- Helping developers with tests, helping product owners with “done”

After completing this course candidates will be able to:

- Recognise testing interventions
- Assist in constructing user stories with a focus on demonstrating the story, defining “done” and testing the user story
- Report effectively in daily stand-up / SCRUM meetings
- Estimate the size of testing
- Be pro-active in testing (value add) in Agile teams

Course Details

- **Prerequisites**
Previous experience in software testing is not necessary; however, general knowledge of the information technology industry is an advantage.
- **Course presentation and duration**
The course is presented by an experienced software testing practitioner. The course duration is one day. It runs from 8:00 to 16:30. This includes a lunch and two tea breaks.

- Training style**
 The course is conducted in a classroom style. Candidates use practical tasks to consolidate theoretical concepts. Any testing-related problems encountered in the workplace can be discussed in the course.
- Course materials and certification**
 Comprehensive course notes are provided. On completion of this course, the Test and Data Services' *Agile Testing* certificate is awarded.
- Training Venues**
 Test and Data Services presents courses at several well-established training facilities in Midrand (near Johannesburg and Pretoria).

Contact

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