ISTQB Agile Testing Foundation Level

COURSE OVERVIEW
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, test design techniques, and specifying test cases to evaluate software characteristics.

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
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**THE EXAM**

This course will provide the candidate with the necessary knowledge and skills to sit the ISTQB Advanced Technical Test Analyst Certificate multiple-choice exam. Candidates will be given the opportunity to sit the examination at the end of the course. Information about the certification can be found on the International Software Testing Qualifications Board (ISTQB) website: http://www.istqb.org/

**COURSE PREREQUISITES**

Candidates wishing to take the ISTQB Advanced Technical Test Analyst Certificate must hold the ISTQB Foundation Certificate or ISTQB Certified Tester Foundation Level Certificate. There are certain work experience prerequisites, a document detailing the prerequisites can be downloaded from the South African Software Testing Qualifications Board (SASTQB) site (www.sastqb.org.za) for more detailed information.

**TRAINING VENUES**

iLAB Training presents courses at several well-established training facilities in Johannesburg, Cape Town and Durban. Training can be arranged at the client’s premises, depending on adequate facilities and candidate numbers. Training courses can also be provided internationally.

**COURSE DURATION**

The course is presented by an experienced software testing practitioner. The course duration is two days with an exam. It runs from 8:00 to 17:30. This includes a lunch and two tea breaks daily. Course dates can be found on our website www.ilabquality.com.

**TRAINING STYLE**

The course is conducted in a classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises, practice exams and learning aids to assist in preparation for the final exam.

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**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.