bestpracticetraining

ISTQB Advanced Technical Test Analyst

The ISTQB Advanced Technical Test Analyst course extends the broad understanding of testing acquired at Foundation Level to enable the role of Technical Test Analyst to be performed.

This five-day tutor-led course includes lectures, exercises and practical work, as well as exam preparation. The examination is held at an agreed later date, so allowing adequate time for revision. It is fully-accredited by UKTB on behalf of ISTQB and has been rated SFIAplus level 5 by the BCS.

Benefits

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

- Structure the tasks defined in the test strategy in terms of technical requirements

- Analyse the internal structure of the system in sufficient detail to meet the expected quality level

- Evaluate the system in terms of technical quality attributes such as performance, security etc

- Prepare and execute the Technical Test Analyst activities, and report on their progress

- Conduct technical testing activities

- Provide the necessary evidence to support evaluations

- Implement the necessary tools and techniques to achieve the defined goals

Audience

Test practitioners actively involved in the technical aspects of software testing

Roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers

Also project managers, quality managers, software development managers, business analysts and management consultants

Course duration

5 days

Pre-requisites

ISTQB Foundation certificate

It is also suggested that candidates have a minimum of 3 years testing experience

About ISTQB and the certified tester scheme

Founded in 2002, ISTQB (International Software Testing Qualifications Board) is a not-for-profit association legally registered in Belgium, comprising 47 national boards (including the UKTB) covering 71 countries worldwide. ISTQB has defined the advanced certification as part of their 'Certified Tester' scheme that, with over 200,000 certifications, has become the de facto world-wide standard for software testing qualifications.

The 'Certified Tester' scheme:
- Provides a set of professional qualifications widely-recognised by employers, customers and peers
- Enables software suppliers to hire and train certified testers and thereby gain commercial advantage over their competitors by advertising their tester recruitment and development policies; and
- Enables comparison of testing skills across different countries, testers to move across country borders more easily, and multinational/international projects to have a common understanding of testing issues.

Course Objectives

The objectives for the Certified Tester Advanced Level qualification are to:
- Gain recognition for testing as an essential and professional software engineering specialisation
- Provide a standard framework for the development of testers' careers
- Enable professionally qualified testers to be recognised by employers, customers and peers, and to raise the profile of testers and testing
- Promote consistent and good testing practices within all software engineering disciplines
- Identify testing topics that are relevant and of value to industry
- Enable software suppliers to hire certified testers and thereby gain commercial advantage over their competitors by advertising their tester recruitment policy
- Provide an opportunity for testers and those with an interest in testing to acquire an internationally recognised qualification in the subject

Course content & next steps

Syllabus - Key Points

- Basic Aspects of Software Testing
- Test Management
- Test of Software Characteristics
- Incident Management
- People Skills - Team Composition
- Testing Processes
- Test Techniques
- Reviews
- Test Tools & Automation

Next Steps

The Advanced Level establishes a platform from which further skills and knowledge may be acquired at the Expert Level.

Holders of the Advanced Level Technical Test Analyst qualification will be eligible to continue on to Expert level qualifications, such as Test Automation and Security Testing.

Next Steps cont.

Holders of the Certified Tester Advanced Level Technical Test Analyst qualification may also wish to consider the two other Advanced Level qualifications, Test Analyst and Test Manager.

People possessing all three advanced level certificates can also obtain the Full Advanced level certificate.