

ISTQB Advanced Test Analyst

The ISTQB Advanced Test Analyst course extends the broad understanding of testing acquired at Foundation Level to enable the role of Test Analyst to be performed. This course includes lectures, exercises and practical work, as well as exam preparation. It is fully-accredited by UKTB on behalf of ISTQB and has been rated SFIaplus level 5 by the BCS.

ISTQB has defined the Advanced certification as part of their 'Certified Tester' scheme that 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
- enables comparison of testing skills across different countries, testers to move across country borders more easily, and multi-national/international projects to have a common understanding of testing issues

Benefits to the individual

- Recognised professional qualification
- Next step in your testing career
- Gain techniques and practical experience

Benefits to the business

- Confidence that staff have the skills and knowledge to fulfil business requirements
- Greater efficiency and productivity as consistent and good testing practices are used throughout the business
- Greater project success

Audience

Test practitioners involved in the specification, design & execution aspects of software testing

Those who want to increase their knowledge & skills beyond Foundation & Intermediate level

Testers & Test Managers

Test analysts, consultants & engineers

User acceptance testers

Software developers

Course duration

Four days. The exam is held at an agreed later date, so allowing adequate time for revision.

Pre-requisites

Delegates must hold the ISTQB Foundation certificate. It is also suggested that candidates have a minimum of 3 years testing experience.



Course objectives

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

- Perform the appropriate testing activities based on the software development lifecycle being used.
- Determine the proper prioritisation of the testing activities based on the information provided by the risk analysis.
- Select and apply appropriate testing techniques to ensure that tests provide an adequate level of confidence, based on defined coverage criteria.
- Provide the appropriate level of documentation relevant to the testing activities.
- Determine the appropriate types of functional testing to be performed.
- Assume responsibility for the usability testing for a given project.
- Effectively participate in formal and informal reviews with stakeholders, applying knowledge of typical mistakes made in work products.
- Design and implement a defect classification scheme.
- Apply tools to support an efficient testing process.

Exam details

The exam takes place approx. 4 - 6 weeks after the course. If you are interested in a particular course, please contact us, to find out the relevant exam date.

The 'closed book' exam lasts three hours and consists of 60 multiple-choice questions. The pass mark is 65%.

Course content & next steps

Syllabus

- Testing Process
- Test Management
- Test Techniques
- Testing Software Quality Characteristics
- Reviews
- Defect Management
- Test Tools

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 Test Analyst qualification will be eligible to continue on to Expert level qualifications, such as Test Automation and Security Testing.
- Holders of the Certified Tester Advanced Level Test Analyst qualification may also wish to consider the two other Advanced Level qualifications, Test Manager and Technical Test Analyst.
- Contact us for more details of these courses.