

BCS ISTQB Foundation

The ISTQB Foundation course covers the fundamentals of software testing, providing delegates with the necessary foundations for a career as a software testing professional. This intensive tutor-led is fully-accredited by UKTB on behalf of ISTQB and has been rated SFIPlus level 3 by the BCS.

ISTQB has defined the Foundation 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
- 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

- Internationally recognised professional qualification
- Foundation for a career in software testing
- Skills and knowledge to take on testing projects

Benefits to the business

- Confidence that staff have the skills and knowledge to successfully carry out testing programmes
- Benefits gained as testing projects are conducted effectively and productively
- Increased project success

Audience

Testers & Test Managers
Test analysts
Test engineers
Test consultants
User acceptance testers
Software developers
Those who need to understand the basic concepts of software testing

Course duration

Three days

Pre-requisites

A basic working knowledge of IT.

On arrival at the course candidates should have read the provided Syllabus in preparation for the course. The course is intensive and those delegates who have prepared achieve a higher exam success rate.



Course objectives

The objectives for the Certified Tester Foundation Level qualification are to:

- prepare candidates for the Foundation Certificate in Software Testing based on the ISTQB syllabus
- improve understanding of software testing - its purpose and nature - and to raise awareness of issues and constraints around testing
- learn standard terminology
- introduce test techniques (static, white & black box) to delegates as well as providing practical experience of key techniques
- provide a complete picture of the test processes from requirements review to system implementation
- provide delegates with an environment that supports their learning and impart them with the necessary confidence and means to support their future career as a test professional

Exam details

The exam lasts one hour and consists of 40 multiple-choice questions. The exam is 'closed book' and the pass mark is 26.

This is a demanding course and typical candidates will need to spend time in the evenings during the course to consolidate and revise material for the exam.

Course content & next steps

Syllabus

- Software Testing Fundamentals
- Testing throughout the software life cycle
- Static Techniques
- Test Design Techniques
- Test Management
- Tool Support for Testing

Next steps

- Holders of the Certified Tester Foundation Level qualification are eligible to continue on to higher level software testing qualifications, such as:
- BCS Intermediate Certificate in Software Testing, although this is not a pre-requisite for the Advanced courses
 - ISTQB Advanced Level qualifications, which comprise Test Manager, Test Analyst and Technical Test Analyst