

# ISEB / ISTQB Foundation Certificate in Software Testing

# qbit

**3 days  
including exam**

The globally recognized entry-level qualification for all software testers  
Recommended for everyone involved in software testing.

This course leads to the Information Systems Examination Board (ISEB) Foundation Certificate in Software Testing and follows the International Software Testing Qualifications Board (ISTQB) Certified Tester Foundation Level Syllabus.

The certificate is awarded by ISEB to those who pass the one hour multiple-choice examination taken at the end of the course.

### Recommended for:

Anyone wanting to get into or involved in a software testing role

### Course objectives:

- understand all the essential principles of software testing and the testing process
- be aware of how testing is applied at different points throughout the system development life cycle using different static and test design techniques
- gain an understanding of test management
- appreciate the current state of testing plus current trends and developments, including important techniques and tools
- learn everything you need to pass the Foundation Certificate examination

### Key points:

Everything that is required by the ISTQB syllabus is covered, including:

#### Fundamentals of testing

- Why is testing necessary?;
- what is testing?; general testing principles;
- fundamental test process;
- the psychology of testing

#### Testing throughout the software life cycle

- Software development models;
- test levels;
- test types;
- the targets of testing;
- maintenance testing

#### Static techniques

- Reviews and the test process;
- review process;
- static analysis by tools

#### Test design techniques

- Identifying test conditions and designing test cases;
- categories of test design techniques;
- specification based or black-box techniques;
- structure-based or white-box techniques;
- experience-based techniques;
- choosing test techniques

#### Test management

- Test organization;
- test planning and estimation;
- test progress monitoring and control;
- configuration management;
- risk and testing;
- incident management

#### Tool support for testing

- Types of test tool;
- effective use of tools;
- potential benefits and risks;
- introducing a tool into an organization

Each section is followed by review questions and a mock examination is taken and discussed prior to the ISEB-invigilated examination.

### Prerequisites:

Delegates should have basic knowledge or experience in IT. The only pre-reading recommended is the ISEB/ISTQB syllabus for this course or the ISEB Foundation booked published by ISEB.

### ISEB Examination:

- A 1 hour multiple choice exam provided on the final day of the course
- 40 multiple choice questions
- Pass mark = 26

### Next steps:

Next Step: ISEB Intermediate Certificate in Software Testing

### Related courses:

Practical Test Analysis

### Other courses:

Practical Test Planning, HP Tools, User Acceptance Testing

For further information contact us on +44 (0)20 7014 8900 or [enquiries@qbit.co.uk](mailto:enquiries@qbit.co.uk). For details of current special offers visit [www.qbit.co.uk](http://www.qbit.co.uk).

For a copy of the full ISTQB syllabus please contact QBIT.



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