

ISTQB(ISEB) Foundation Certificate in Software Testing

3 Day Training
Course 9.30 a.m. -
5.00 p.m.
(Registration 9.15a.m.)

Centre for
Software
Engineering

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Background

The International Software Testing Qualifications Board (ISTQB) has been set up to support a single, universally accepted, international qualification scheme, aimed at software and system testing professionals. An ISTQB certificate provides an internationally recognised qualification, which demonstrates a level of competence and professionalism.

The three day accredited course is leading up to the "Foundation Certificate in Software Testing" exam and complies with the requirements as set by ISEB and ISTQB. This course is administered by the Centre for Software Engineering on behalf of Improve Quality Services BV.

Who should attend?

This course is aimed at:

- Anyone interested in learning more about the fundamentals of software testing
- Testers, users and developers who wish to improve their knowledge of structured testing and wish to obtain the ISTQB Foundation Certificate.

The Exam

The Foundation Certificate is awarded to those who pass a written one hour multiple-choice exam which is set, moderated, marked and invigilated by the Information Systems Examination Board (ISEB). The exam takes place on the third afternoon of the course.

The Event

This 3 day course will provide delegates with:

- An improved understanding of the fundamental principles of effective software testing and different testing terminology
- An understanding of the practical application of useful static and dynamic testing techniques and an overview of test management and available test tools

The course covers a wide range of topics including:

Fundamentals of Testing

- Why is testing necessary, What is testing? Testing Principles
- Fundamental Test Process & Psychological aspects of testing.

Testing throughout the Life Cycle

- Relationship between testing & development lifecycle models
- Test Levels (Unit, Integration, System & Acceptance)
- Test Types (Functional, Non-functional, Structural, Related to Change) and Maintenance Testing

Testing Techniques

- Static techniques (i.e. reviews, inspections and walkthroughs)
- White box test techniques (e.g. statement, decision testing)
- Black-box test techniques (i.e. equivalence partitioning, boundary value analysis, decision table testing, state transition testing & use case testing)
- Experience Based Testing (e.g. exploratory testing)

Test Management

- Test planning and control
- Test organisation, test estimation, risk management, configuration management and incident management

Test Tools

- Overview of the various types of test tools
- Considerations for using & introducing test tools

Presenter

This course will be presented by Sarah Farrell of CSE. Sarah is an ISEB accredited Training Provider and has extensive experience in the software industry, specialising in the area of software testing and inspections. She works with many companies to help them to improve their testing practices.

Fees and Registration

Duration: 3 Day Training Course 9.30 - 5pm
(Registration 9.15 a.m.)

All participants who wish to sit the examination are advised to set aside some study time each evening.

Course fee €750, plus €200 exam fee. This includes attendance at the course, copies of all course material and lunch. Course fee is reduced to €675 for CSE Corporate Members.

Because of the requirement to make arrangements for the examination, bookings will normally be required 4 weeks in advance of the course. A non-refundable booking fee of €200 Euro will be required to cover the examination fee.

Fees will become due in full if cancellations are received within 7 working days of this course.