

ISTQB Foundation Certificate

INDUSTRY STANDARD PROFESSIONAL QUALIFICATION
FOR TESTERS



Course Outline

The ISTQB Foundation Certificate is globally recognised as the industry standard, professional qualification in software testing.

LEARNING OUTCOMES

- Fundamental testing principles including details of the testing process
- Testing throughout the project development lifecycle
- The difference between static & dynamic testing techniques
- Managing your testing process

The Foundation Certificate is a prerequisite of the Advanced Certificate.

PREREQUISITES

It is recommended that course participants and candidates have at least 12 months experience in software development or testing prior to attending this course or attempting the certification.

MINUTES OF COURSE CONTENT

Fundamentals of testing

- Why is testing necessary?
- What is testing?
- General testing principles
- Fundamental test process
- The psychology of testing

Minutes of learning: 155
Percentage of course: 18%

Testing throughout the software life cycle

- Software development models
- Test levels
- Test types: the targets of testing
- Maintenance testing

Minutes of learning: 135
Percentage of course: 16%

Static techniques

- Reviews and the test process
- Review process
- Static analysis by tools

Minutes of learning: 60
Percentage of course: 7%

Test design techniques

- Identifying test conditions and designing test cases
- Categories of test design techniques
- Black Box techniques
- White Box techniques
- Experience-based techniques
- Choosing test techniques

Minutes of learning: 255
Percentage of course: 29%

Test management

- Test organisation
- Test planning and estimation
- Test progress monitoring and control
- Configuration management
- Risk and testing

Minutes of learning: 180
Percentage of course: 21%

Tool support for testing

Minutes of learning: 80
Percentage of course: 9%

EXAMINATION

The Examination is a closed book, 40 question multiple choice exam. Candidates must score a minimum of 26 to become a Foundation Certified Tester.

Examinations are independent of any software package or vendor and are independently administered and assessed.

OUR KNOWLEDGE IS YOUR POWER