

ISTQB Foundation in Software Testing

ISTQB

Duration

3 days

Intended for

Developers, Testers, Test Analysts, Test Engineers, Test Consultants, Test Managers, Project Managers, Business Analysts, Quality Managers and anyone who has an interest in the testing field.

Prerequisites

There are no prerequisites for this course.



Want to uncover the fundamentals of software testing? This foundation course combines proven methodologies with best practice to provide a great grounding for you to progress your testing career.

The program is designed to promote solid and consistent testing practices within all software engineering disciplines. Recognised as the baseline of knowledge for a testing professional, it will provide you with the necessary knowledge to sit the ISTQB Certified Tester, Foundation Level exam.

Learning Outcomes

By the end of this course you will be able to:

- Communicate efficiently and effectively
- Understand fundamental concepts of software testing
- Use different testing practices and know in which context they should be used
- Contribute effectively in reviews
- Use established techniques for designing tests at all test levels
- Interpret and execute tests from given test specifications
- Report on test results
- Apply test management principles for resources, strategies, planning, project control and risk management
- Write and communicate clear and understandable defect reports
- Understand the project factors that drive the test priorities and test approach
- Understand the value that software testing brings to stakeholders
- Align testing activities and work products with project objectives, measures and targets
- Assist in the selection and implementation process of testing tool

Content

The fundamentals of testing

- What is testing?
- Why is testing necessary?
- Seven testing principles
- Test process
- The psychology of testing

Testing throughout the software development lifecycle

- Software development lifecycle models
- Test levels
- Test types
- Maintenance Testing

Static testing

- Static testing basics
- Review Process

Test techniques

- Categories of test techniques
- Black-box test techniques
- White-box test techniques
- Experience-based test techniques

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Test management

- Test organisation
- Test planning and estimation
- Test monitoring and control
- Configuration management
- Risks and testing
- Defect management

Tool support for testing

- Test tool considerations
- Effective use of tool

Method Used

Lecturing is kept to the minimum necessary, most of the learning is achieved through applying the practices and techniques in group exercises. At the end of the course you will have the opportunity to sit the hour-long ISTQB Certified Tester, Foundation Level exam.

You can also test your knowledge using our sample exam questions before you sit the exam.

Certification

The content and exam for this course is based on the 2018 ISTQB Syllabus. (Accreditation Pending)