

ISTQB Certified Tester: Foundation Level

Duration: 3.5 days LIVE Online

Course Overview

This course will only be run as a face to face in-class event when it is confirmed safe to do so.

Expleo Academy's ISTQB Certified Tester: Foundation Level (CTFL) course provides the knowledge required to engage in testing roles.

The training is delivered by accredited trainers with testing experience. Attendees will learn industry terminology, concepts, and test techniques for use in the test process. Attendees are supplied with notes that address the objectives required by the International Software Quality Testing Board in the 2018 CTFL syllabus. To prepare attendees for the certification exam there are end-of-Module review question, end-of-day homework questions, and an end-of-course mock exam. The event includes the CTFL exam on the third day.

Who should attend?

This course is most relevant to anyone interested in career learning paths for roles such as Test Programme Managers, Test Managers, Test Analysts, Test Engineers, Requirements Engineers, Software Developers, Functional Testers, Agile Testers, User Acceptance Testers, Test Automation Specialists, Performance Test Specialists, Test Environments Specialists, Security Testing Specialists, and Test Consultants. The course is also appropriate for anyone who wants a basic understanding of software testing, such as Project Managers, Quality Managers, Software Development Managers, Business Analysts, IT Directors, and Management Consultants.

Prerequisites & pre-reading guidelines

The ISTQB® Certified Tester Foundation Level course is appropriate for everyone involved in, or interested in, software testing. There is no necessary pre-reading to be completed.

How certification is earned

This course supports preparation for a 1-hour MCQ examination that the candidate must pass to gain the ISTQB certificate. It is currently run as a separate e-proctored exam. This certification allows you to progress to the ISTQB Advanced Level and/or ISTQB Specialist track learning paths.

Course Objectives

On completion of ISTQB Certified Tester Foundation Level, attendees will be able to:

- Promote efficient and effective communication by using a common vocabulary for software testing
- Demonstrate understanding of fundamental software testing concepts and optimising test practices
- Use established techniques for designing tests at all test levels, and interpreting tests from test specifications
- Report on test results, including defect reports
- Understand test management principles, and project factors, for resources, strategies, and planning
- Understand the value that software testing brings to stakeholders, and contribute effectively in reviews
- Assist in the selection and implementation process of testing tools

Context

The ISTQB Certified Tester: Foundation Level course introduces the delegates to the principles and challenges of software testing. It is required in order to progress to the Advanced level ISTQB certifications.

Related courses

The ISTQB has a supporting series of courses to take the tester further in their career:

- ISTQB® Certified Tester Foundation Level Extension: Agile Tester
- ISTQB® Certified Tester Advanced Level Test Analyst
- ISTQB® Certified Tester Advanced Level Test Manager
- ISTQB® Certified Tester Advanced Level Technical Test Analyst
- ICAgile Certified Agile Fundamentals

Course Outline

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
- Experienced-based Test Techniques

Test management

- Test Organisation
- Test Planning and Estimation
- Test Monitoring and Control
- Configuration Management
- Risk and Testing
- Defect Management

Tools support for Testing

- Test tool considerations
- Effective use of tools

Exam

- Mock examination
- Formal ISTQB examination – while the course is delivered LIVE online rather than in-class, this exam will be run separately as an online e-proctored exam

Contact

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