



Information Technology

## ISTQB Foundation Level

## Course Introduction

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The ISTQB Foundation course covers the fundamentals of software testing, providing delegates with the necessary foundations for a career as a software testing professional. This course will allow participants to learn the importance of static testing activities, utilize test design techniques and incorporate test management practices within an organization.

## Target Audience

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- Cloud Computing Engineer
- Computer Network Specialist
- Computer Support Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Software/Application Developer
- Web Developer
- Technology sales consultant

## Learning Objectives

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- Gain a comprehensive understanding of the common language for efficient and effective communication with other testers and project stakeholders.
- Design and prioritize tests by using established techniques.
- Use established testing concepts, the fundamental test process, test approaches, and principles to support test objectives.
- Analyze both functional and non-functional specifications (such as performance and usability) at all test levels for systems with low to medium levels of complexity.

- Execute tests according to agreed test plans, and analyze and report on the results of tests.
- Be familiar with different types of testing tools and their uses; and assist in the tool selection and implementation process.

## Course Outline

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### • Day 01

#### **THE FUNDAMENTALS OF TESTING:**

- What is testing?
- Why is testing required?
- How much testing is a good amount?
- Static testing Vs. dynamic testing
- The seven principles of testing
- The fundamental test processes
- Testing psychology
- Testing code of ethics

### • Day 02

#### **TESTING THROUGHOUT THE LIFECYCLE:**

- Test levels
- Software development designs
- Component testing
- Component integration
- System testing
- System integration
- Acceptance testing
- Alpha and Beta testing
- Functional testing
- Non-functional testing
- Maintenance testing

- Structural testing
- Retesting Vs. Regression testing

### • Day 03

#### **STATIC TEST TECHNIQUES:**

- Walkthroughs
- Reviews
- Technical reviews
- Inspections
- Static analysis

#### **TESTING DESIGN TECHNIQUES:**

- Test development process
- Black box Vs. white-box testing
- Equivalence partitioning
- Boundary value analysis
- State transition testing
- Decision table testing
- Case testing
- Statement testing Vs. decision testing
- Experience-based testing

### • Day 04

#### **TEST MANAGEMENT:**

- Organisation
- Planning
- Estimation, control, and monitoring
- Managing configuration
- Managing incidents
- Risk management

### • Day 05

**TOOL SUPPORT FOR TESTING:**

- Test tool types
- Using tools effectively
- Selecting and implementing tools

**Confirmed Sessions**

FROM	TO	DURATION	FEES	LOCATION
June 16, 2025	June 20, 2025	5 days	4250.00 \$	UAE - Dubai
Aug. 25, 2025	Aug. 29, 2025	5 days	4950.00 \$	Spain - Madrid
Dec. 22, 2025	Dec. 26, 2025	5 days	2150.00 \$	Virtual - Online