

# Training Course Content

## ISTQB Certified Tester Foundation Level

Duration : 3 days

Languages : EN & FR

The Foundation Level qualification is aimed at professionals who need to demonstrate practical knowledge of the fundamental concepts of software testing. It ensures that you are equipped to deal with test terminology and allows you to acquire a common, internationally accepted vocabulary.

### Learning Objectives

In this course, you will learn:

- Business qualification based on industry standards
- A knowledge of the test tools and master all the activities of a test process
- A common language
- Acquire the vocabulary of standards and standards related to the activity of Tests (ISO and IEEE)

### Pre-requisites

It is suggested that candidates for the Foundation Level Certification have at least six months practical experience in a professional testing role.

### Audience

The Foundation Level qualification is aimed at anyone involved in software testing such as:

- Testers
- Test analysts
- Test engineers
- Test consultants
- Test managers
- User acceptance Testers
- Software developers

This Foundation Level qualification 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. Holders of the Foundation Certificate will be able to go on to a higher-level software testing qualification.

## Course Content

### 1. The Fundamentals of Testing

- Why is Testing necessary ?
- What is Testing ?
- Seven Testing principles
- Fundamental test process
- The psychology of testing
- Code of ethics

### 2. Testing throughout the Software Life Cycle

- Software development models (V-model, iterative models)
- Test levels
- Test types
- Test Maintenance

### 3. Static Testing

- Static Techniques and the test process
- Review process
- Static analysis using tools

### 4. Test design techniques

- Test development process
- Categories of test design techniques
- Specification-based or black-box techniques
- Structure-based or white-box techniques
- Experience-based techniques
- Selecting the test techniques

### 5. Test Management

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

### 6. Tool support for testing

- Types of test tools
- Effective use of tools: potential benefits

## Practical exercises

This training consists of practical exercises to illustrate the subjects discussed and provides trainees with the opportunity to learn through practice.

## Trainer skills

Our experts who run our training courses or those we organize with a partner are specialists in the subjects covered. They are validated by our internal teams, both in terms of business knowledge and pedagogy, for each course they teach. They have at least five to ten years of experience in their field and hold or have held positions covering business topics.