



COURSE PROGRAM

ISTQB Certified Tester Foundation Level

Duration : 3 days

Languages : EN & FR

This training will enable you to acquire the fundamentals of software testing and obtain certification.

The learner will acquire the ability to design and manage software tests, demonstrating a thorough understanding of methods and various types of tests throughout the software lifecycle. This training will also prepare them to obtain the "ISTQB Foundation" certification.

Course Objectives

During this training, you will:

- Acquire the vocabulary of standards and norms related to testing activities (ISO and IEEE).
- Understand and implement the activities of a testing process.
- Grasp the different levels and types of tests.
- Use and apply test design techniques.
- Know and advocate for the qualities and added value of the testing profession.
- Obtain the ISTQB Foundation Level certification.

Prerequisites

Practical work during days 2 and 3. Continuous preparation for the exam. Mock exam and commented correction on the 3rd day. Presentation of concepts, practical exercises, and exam preparation.

Audience

The Foundation level is aimed at all professionals involved in software testing activities, whether they are from project management, development, services, operations, or end users, seeking to rely on a standard and standardized reference framework.

Training Program

1. **Fundamentals of Testing**
 - What is testing?
 - Why is testing necessary?
 - The 7 principles of testing
 - Testing process
 - The psychology of testing
2. **Testing during the Software Development Lifecycle**
 - Tests de maintenance Software development models
 - Test levels
 - Test types
 - Maintenance testing
3. **Statistical Testing**
 - Basics of statistical testing
4. **Testing Techniques**
 - Review process
 - Categories of test techniques
 - Black-box test techniques
 - White-box test techniques
 - Experience-based test techniques
5. **Test Management**
 - Test organization
 - Test planning and estimation
 - Test monitoring and control
 - Configuration management
 - Risks and testing
 - Defect management
6. **Test Support Tools**
 - Introduction to test tools
 - Effective use of Tool

Practical Exercises

Practical work during days 2 and 3. Continuous exam preparation. Mock exam and commented correction on the 3rd day. Presentation of concepts, practical exercises, and exam preparation.

Trainer's Skills

The experts who lead our training sessions, or those we organize with a partner, are specialists in the subjects covered. They are validated by our internal teams for both their business knowledge and teaching skills, for each course they teach. They have a minimum of five to ten years of experience in their field and hold or have held positions covering the topics in business.