

# ISTQB® Certified Tester Foundation Level CTFL v4.0 Training

3-day accredited software testing course with ISTQB Foundation exam voucher included



The ISTQB® Certified Tester Foundation Level CTFL v4.0 course is the entry-level certification for professionals involved in software testing, quality assurance & software development.

Our 3-day training prepares participants for the **ISTQB Foundation Level exam** and provides a structured understanding of the principles, terminology, techniques and processes used in professional software testing. It is designed to help participants speak a **common testing language**, contribute more effectively to software quality, and **apply recognised testing practices** in real projects.



- Training sessions in English, Dutch and French
- Certified trainers with extensive practical experience
- Official ISTQB Foundation exam voucher included
- Classroom sessions, in-company courses and e-learning options available

## WHY TAKE THE ISTQB FOUNDATION CERTIFICATION?

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The ISTQB Foundation certification helps testers and IT professionals build a shared understanding of software testing and quality. It is particularly useful for organizations that want to improve collaboration between testers, developers, business analysts, product owners, project managers and quality teams.

**After completing this training**, participants will be better equipped to define test objectives, design effective tests, report defects clearly, understand testing risks, and contribute to better software quality across different delivery models, including Agile, sequential and hybrid environments.

## LEARNING OBJECTIVES

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**After attending this ISTQB Foundation course, participants will be able to:**

- Understand what software testing is and why it is necessary.
- Use standard ISTQB terminology to communicate effectively with testers, developers and project stakeholders.
- Explain the fundamental principles, objectives and value of testing.
- Understand how testing fits into different software development lifecycles.
- Apply static testing, review techniques and test design techniques.
- Use black-box, white-box and experience-based test techniques.
- Understand test planning, test monitoring, test control and defect management.
- Identify risks and understand how risk influences testing priorities.
- Recognize the benefits and risks of test automation and test tools.
- Prepare effectively for the ISTQB Certified Tester Foundation Level CTFL v4.0 exam.

## COURSE OUTLINE

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**Our course covers the full ISTQB CTFL v4.0 syllabus**, including the fundamentals of testing, testing throughout the software development lifecycle, static testing, test analysis and design, test management, defect reporting, risk-based testing and test tools. The official ISTQB exam voucher is included, allowing participants to take the certification exam online after the course.

### 1. Fundamentals of testing

- What testing is and why testing is necessary
- Testing principles
- Test objectives and the value of testing
- Testing, quality assurance and software quality
- Essential testing skills and good practices

## 2. Testing throughout the software development lifecycle

- Testing in different software development lifecycle models
- Test levels and test types
- Functional and non-functional testing
- Confirmation testing and regression testing
- Maintenance testing

## 3. Static testing

- Static testing basics
- Reviews, walkthroughs and inspections
- Benefits of early defect detection
- Feedback and review processes
- Improving the quality of documentation and requirements

## 4. Test analysis and test design

- Test techniques overview
- Black-box test techniques
- White-box test techniques
- Experience-based test techniques
- Collaboration-based test approaches
- Writing effective test cases

## 5. Managing test activities

- Test planning and estimation
- Test monitoring and control
- Risk-based testing
- Configuration management
- Defect management
- Test completion and reporting

## 6. Test tools and test automation

- Tool support for testing
- Types of test tools
- Benefits and risks of test automation
- Selecting and introducing testing tools
- Tool-related opportunities and limitations

**This course combines theory, practical examples, exercises, discussions and exam preparation.** Participants work with examples that help them understand how ISTQB concepts apply in real software projects.

During the course, participants also practice with sample exam questions and review key concepts to increase their chances of success in the certification exam.

## WHO SHOULD ATTEND?

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This course is ideal for anyone involved in software quality, testing or digital product delivery, including:

- Software testers and QA professionals who want to formalize their knowledge.
- Junior testers preparing for their first internationally recognized testing certification.
- Developers, business analysts and product owners involved in testing activities.
- Project managers, Scrum Masters and team leads who want to better understand testing practices.
- Quality managers and IT managers who want to introduce or improve structured testing.
- Professionals seeking a prerequisite for ISTQB Advanced Level or Specialist certifications.

## PREREQUISITES

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No formal testing certification is required before attending this course. A basic understanding of IT, software development or business applications is recommended.

## ABOUT THE EXAMINATION

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The ISTQB Certified Tester Foundation Level CTFL v4.0 exam validates a participant's understanding of the fundamental concepts of software testing. Participants will receive the official exam voucher, valid for 1 year, to take their exam at a date

and time of their choice.

**Exam format:** online proctored

**Passing score:** 26 out of 40 questions

**Exam duration:** 60 minutes + extra time for non native language speakers

Upon successful passing the exam, participants receive the official **ISTQB Certified Tester Foundation Level certificate**.

## FAQ

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### What is the ISTQB Foundation certification?

The ISTQB Certified Tester Foundation Level, also known as CTFL, is an international certification for professionals who want to understand the fundamentals of software testing. It covers testing principles, test design techniques, test management, defect reporting, test tools and testing throughout the software development lifecycle.

### Is the ISTQB Foundation course suitable for beginners?

Yes. The ISTQB Foundation course is suitable for beginners, junior testers and professionals who are involved in software projects but do not yet have formal testing training. A basic knowledge of IT is recommended.

### Is the ISTQB Foundation exam included?

Yes. At B2B Learning, the ISTQB Foundation exam voucher is included in the course price. The exam voucher is valid for 1 year.

### How long is the ISTQB Foundation training?

The ISTQB Foundation training lasts 3 days, for a total of 21 hours.

### Does B2B Learning offer scheduled sessions for its ISTQB Foundation courses?

Yes. B2B Learning offers scheduled sessions in Brussels, Liège and Antwerp in French, Dutch and English. Through our partners, we also offer sessions in Paris and Eindhoven.

### Is ISTQB Foundation required before taking Advanced Level certifications?

Yes. The ISTQB Foundation certificate is the starting point for the ISTQB certification scheme and allows candidates to continue toward Advanced Level, Agile or Specialist certifications.