



# ISTQB® CT Foundation Level

The Foundation Level syllabus forms the basis of the International Software Testing Qualifications Board (ISTQB®) Certified Tester Scheme.

ISTQB® Foundation Level is relevant across software delivery practices including Waterfall, Agile, DevOps and Continuous Delivery.

The CTFL 4.0 certification is suitable for anyone who needs to demonstrate practical knowledge of the fundamental concepts of software testing. It is relevant for individuals in roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers.

It is also appropriate for individuals who need a basic understanding of software testing including project managers, quality managers, software development managers, business analysts, IT directors and management consultants.

**It is recommended that participants have, at least, 6 months of experience in the software testing area.**

## CONTENTS

Fundamentals of Testing	Testing Throughout the Software Development Lifecycle	Static Testing	Test Analysis & Design	Managing the Test Activities	Test Tools
What is Testing?	Testing in the Context of an SDLC	Static Testing Basics	Test Techniques Overview	Test Planning	Tool Support for Testing
Why is Testing Necessary?	Test Levels & Test Types	Feedback & Review Process	Black-box Test Techniques	Risk Management	Benefits & Risks of Test Automation
Testing Principles	Maintenance Testing		White-box Test Techniques	Test Monitoring, Control & Completion	
Test Activities, Testware & Test Roles			Experience-based Test Techniques	Configuration Management	
Essential Skills & Good Practices in Testing			Collaboration-based Test Approaches	Defect Management	

## EXAM STRUCTURE

\* 26 points or more;

\*\* Only for participants taking the exam in a language other than their mother tongue;

\*\*\* Each correct answer equals 1 point.



## BUSINESS OUTCOMES

- Understand what testing is and why it is beneficial;
- Understand fundamental concepts of software testing;
- Identify the test approach and activities to be implemented depending on the context of testing;
- Assess and improve the quality of documentation;
- Increase the effectiveness and efficiency of testing;
- Align the test process with the software development lifecycle;
- Understand test management principles;
- Write and communicate clear and understandable defect reports;
- Understand the factors that influence the priorities and efforts related to testing;
- Work as part of a cross-functional team;
- Know risks and benefits related to test automation;
- Identify essential skills required for testing;
- Understand the impact of risk on testing;
- Effectively report on test progress and quality

*For more information, please contact: [exames@pstqb.pt](mailto:exames@pstqb.pt)*



Av.<sup>a</sup> Infante D. Henrique, 311  
Edifício Espazo  
1950-421 Lisboa  
PORTUGAL



(+351) 211 935 548



[info@pstqb.pt](mailto:info@pstqb.pt)



[www.pstqb.pt](http://www.pstqb.pt)