Software Tester Certification—Foundation Level

Accredited training for the ISTQB® Certified Tester—Foundation Level (CTFL) certification, aligned to the new 2018 syllabus. ISTQB is the only internationally accepted certification for software testing and has granted more than 500,000 certifications in more than 110 countries around the world. In this three-day course, learn what it takes to be a successful software tester and learn about the relationship of testing to development, test levels, black-box methods, white-box testing, experienced-based testing, and more. This course is appropriate for those new to the testing profession and those seeking certification in software testing.

- Learn the fundamentals of software testing including key concepts and context, testing principles and test process, and the human factors in testing.
- Explore the relationship of testing to development in the software development lifecycle, compare test levels and test types, and understand the triggers and impact of maintenance testing.
- Understand the value of static testing while exploring different static and dynamic techniques, and learn the most common review types and how to use these approaches to find defects.
- Examine test design techniques including black-box testing, white-box testing, and experienced-based testing.
- Delve deep into test management, exploring test organization, test planning and

estimation, configuration management, risk-based testing, defect management, and more.
- Explore tool support for testing including tool selection, benefits, risks, and classifications.

Developed and delivered by leading experts in the testing industry, *Software Tester Certification—Foundation Level* is an accredited training course to prepare you for the ISTQB Certified Tester—Foundation Level (CTFL) exam. Certification demonstrates a knowledge of software testing and is based on a Body of Knowledge and examination guidelines that are applied consistently across the world. It focuses on test concepts and techniques that can apply to all software projects, including agile projects, other types of iterative and incremental lifecycles, and in sequential lifecycles.

Software Tester Certification—Foundation Level goes above and beyond the ISTQB syllabus, giving you practical knowledge you can apply now. In addition to the fundamentals of software testing, you will also learn about the psychology of testing, test and review process, black-box test methods, white-box testing, experienced-based testing, test monitoring and metrics, the benefits and risks of test automation, and more. Gain the basic skills required of a software test professional and learn how testing adds significant value to software development projects.

The International Software Testing Qualifications Board (ISTQB) is a non-proprietary organization that has granted more than 500,000 certifications in more than 100 countries around the globe. This program is the only internationally-accepted certification for software testing accredited through its network of national boards.

ISTQB certification is designed for software professionals who need to demonstrate practical knowledge of the fundamental concepts of testing—test designers, test analysts, test engineers, test consultants, test managers, user acceptance testers, and developers—as well as those who need a basic understanding of software testing, such as project managers, quality managers, development managers, business analysts, IT directors, and management consultants.

In addition, CTFL holders with verifiable experience can extend their certification with the ISTQB's Advanced-Level certifications or qualify their competencies in agile testing, security testing, test automation, and more. Learn more about advanced-level certifications for Test Managers [1], Test Analysts [2], and Technical Test Analysts [3].

Who Should Attend?
This course is appropriate for individuals who recently entered the testing field and those currently seeking ISTQB® certification in software testing (CTFL). Common job functions

include testers, test engineers, QA professionals, test managers, project leaders, quality analysts, and more.

ISTQB 2011 and 2018
Recently, the ISTQB released a new Certified Tester Foundation Level (CTFL) syllabus. While the fundamental principles and best practices of testing remain, a number of areas have been updated to take into account modern industry trends. Beginning in November 2018, all of our On-Site [4], Public Classroom [5], and Live Virtual [6] courses will be aligned with the 2018 syllabus and accompanying exam. For the immediate future, our self-paced eLearning course [7] will remain aligned to the 2011 syllabus.

CTFL certification is good in perpetuity. Once a professional has earned the certification, they retain the credentials even if the criteria are updated. Learn more about the changes[8].

Download the 2011 ISTQB Foundation Level syllabus[9].

Download the 2018 ISTQB Foundation Level syllabus[10].

Read our CTFL2018 FAQs[8].

ASTQB Proficiency Distinction™
ASTQB Proficiency Distinction courses are accredited to include intensive, well defined, hands-on interactive exercises based on realistic scenarios. These exercises must go above and beyond what is required by ISTQB so that candidates are exposed to the concepts in a deep and meaningful way. Because our course has earned this distinction, participants who earn their ISTQB CTFL by passing the ASTQB exam will be included in the ASTQB List of Certified Testers with Proficiency Distinction. To learn more about the ASTQB Proficiency Distinction, visit ASTQB.org [11].

Exam Guarantee
Course registrants who do not pass the exam within 60 days of completing either an On-Site, Public Classroom, or Live Virtual course will be free access to a Live Virtual course for additional learning. Contact Client Support [12] for more information.

Course Outline:
 Fundamentals of Testing
 What is testing?
 Why is testing necessary?
 Seven Testing Principles
 Test Process
 The Psychology of Testing

 Test Techniques
 Categories of Test Techniques
 Black-box Test Techniques
 White-box Test Techniques
 Experienced-based Test Techniques

 Test Management
 Test Organization

Testing Throughout the Software
Development Lifecycle
Software Development Lifecycle Models
Test Levels
Test Types
Maintenance Testing

Static Testing
Static Testing Basics
Review Process

Test Planning and Estimation
Test Monitoring and Control
Configuration Management
Risks and Testing
Defect Management

Tool Support for Testing
Test tool consideration
Effective use of tools

Class Schedule:
Sign-In/Registration 7:30–8:30am
Morning Session 8:30am–12:00pm
Lunch 12:00–1:00pm
Afternoon Session 1:00–5:00pm
Times represent the typical daily schedule. Please confirm your schedule at registration.

At the conclusion of the course, the ISTQB Certified Tester–Foundation Level exam will be given. The exam process begins at 3:30 p.m. on the third day of the course. The ISTQB CertifiedTester–Foundation Level certification exam is independently administered by the American Software Testing Qualifications Board, Inc. (ASTQB) or the Canadian Software Testing Board (CSTB) depending upon course location. To learn more about this certification program or to download the syllabus, visit www.astqb.org or www.cstb.ca.

Price:
$2195

Course Fee Includes:
• Tuition
• ISTQB® Certified Tester–Foundation Level exam fee
• Course notebook
• Continental breakfasts and refreshment breaks
• Lunches
• Letter of completion