



Software Tester Certification – Foundation Level



- Fundamentals of software testing—key concepts, context, risk, goals, process, and people issues
- Lifecycle testing—relationship of testing to development, including different models, verification and validation, and types of testing
- Test levels—system, acceptance, unit, and integration testing
- Test design techniques—black-box test methods, white-box testing, and exploratory testing
- Static testing—reviews, inspections, and static analysis tools
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- Lifecycle testing—relationship of testing to development, including different models, verification and validation, and types of testing
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- Test design techniques—black-box test methods, white-box testing, and exploratory testing
- Static testing—reviews, inspections, and static analysis tools
- Test management—team organization, key roles and responsibilities, test approach and planning, configuration management, defect classification and tracking, and test reporting
- Testing tools—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. For the immediate future,

our self-paced eLearning course will remain aligned to the 2011 syllabus. Professionals who take the course and want to take the CTFL exam will take the 2011 exam. The 2011 exams will be offered until June 3, 2019. eLearning students who purchase an exam voucher will receive a voucher for the 2011 exam. CTFL certification is good in perpetuity, and once a professional has earned the certification, they retain the credentials even if the criteria are updated. [Learn more about the changes](#)^[4].

[Download the 2011 ISTQB Foundation Level syllabus](#)^[5].

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^[6].

Exam Guarantee

Course registrants who do not pass the exam within 60 days of completing the eLearning course will be provided 45 days of additional access for additional learning. [Contact Client Support](#)^[7] for more information.

Course Outline:

Self-Paced Course Outline

Introduction

Fundamentals of software testing

Software context—Why does software fail?

Principles, scope, and focus of testing

Debugging vs. testing

Understanding risk

Identifying and analyzing project and product risks

Goals of testing

Basic testing process

Test psychology—viewpoints on testing

Testing throughout Software Development

Testing and development

Early testing

Test Design Techniques

Overview of test design and the design approach

Documentation decisions

Types of test design techniques

Human/experience-based methods

Black-box (functional) techniques

White-box (structural) techniques

Experience-based techniques

Selecting the appropriate test technique

Test Management

Team organization

Roles and responsibilities

Understanding the test manager

Understanding the tester

Test planning and strategy

Configuration management and testing

Models and testing
The “V” model
Verification and validation
Test levels—unit, integration, system, acceptance
Understanding regression testing
Understanding test types
Static Techniques
What is static testing?
Reviews, inspections, walkthroughs, etc.
General review process
Common types of reviews
Roles and responsibilities in reviews
Success factors for reviews
Limits of reviews
Understanding static analysis tools

Defect/incident classification and management

Tool Support for Testing

Selection process

Introduction

Benefits

Risks and concerns

Classifications

Class Schedule:

- Self-paced format.
- 90 days access to all course materials: Learners have unlimited access to online content for a full 90 days from the date of purchase.
- Registrants may purchase a 45 day extension for \$150. The extension must be purchased within 60 days of course completion - one extension per registrant.

Price:

\$745

Course Fee Includes:

- Access to expert test consultants and administrator
- Powerful multi-media format which includes course materials
- Interactive exercises
- Letter of completion

Upcoming Dates:

Anywhere

\$745.00