



CERTIFIED TESTER FOUNDATION LEVEL (CTFL®) CERTIFICATION TRAINING

**Demonstrate practical knowledge of the fundamental concepts of
software testing.**

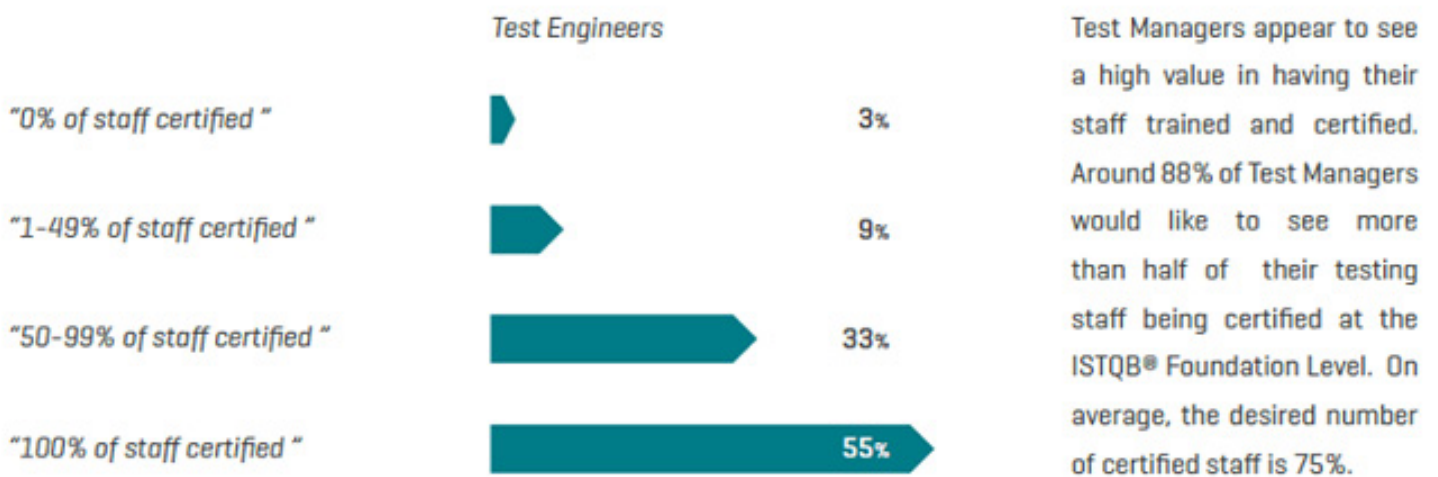
Benefits of CTFL Certification

- Promote efficient and effective communication by using a common vocabulary for software testing.
- Understand fundamental concepts of software testing.
- Demonstrate understanding of how different development and testing practices, and different constraints on testing, may apply in optimizing testing to different contexts.
- Use established techniques for designing tests at all test levels.
- Interpret and execute tests from given test specifications. Report on test results.
- Understand test management principles for resources, strategies, planning, project control and risk management
- Understand the project factors that drive the test priorities and test approach
- Understand the value that software testing brings to stakeholders
- Assist in the selection and implementation process of testing tool
- International recognition of acquired competencies and skills
- Authorized to use the “Certified Tester” logo (specifying the level of certification)
- Whole of career path support, from Foundation to Expert level through ISTQB®
- ISTQB® Foundation Level is relevant across software delivery practices including Waterfall, Agile, DevOps and Continuous Delivery.



Benefits for Companies

- A CTFL Certified workforce provides a competitive advantage by promising a higher level of reliability using efficient testing practices based on ISTQB competencies.
- Consulting companies with certified staff can offer higher-level services to customers, increasing revenues and brand value



Key Features

- 2-day full-time intensive Foundation Level training
- Comprehensive CTFL Exam Prep Class
- CTFL classroom workshop conducted by an expert instructor
- 3 CTFL practice exams
- 16 Contact Hours Certificate
- Sample CTFL Exam Prep questions with answers and explanation
- Interactive CTFL training workshop - Weekend and Weekday
- Instructor-led Live Online Training also available on demand



Modes of Engagement



Instructor-Led Classroom Training

2-Day CTFL Certification exam prep classroom training workshops conducted worldwide.



Instructor-Led Live Online Training

Provided to your company's employees across global locations through Citrix GoToMeeting or Cisco WebEx.



Self-Paced E-Learning

Anywhere, anytime access to E-Learning through a Learning Management System for employees across the globe.



Enterprise Training

In-House certified instructor-led 2-Day CTFL certification training in your office across global locations.

Learning Objectives

Chapter 1 Fundamentals of Testing

- What is Testing?
- Why is Testing Necessary?
- Seven Testing Principles
- Test Process
- The Psychology of Testing

Chapter 2 Testing Throughout the Software Development Lifecycle

- Software Development Lifecycle Models
- Test Levels
- Test Types
- Maintenance Testing

Chapter 3 Static Testing

- Static Testing Basics
- Review Process

Chapter 4 Test Techniques

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

Chapter 5 Test Management

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

Chapter 6 Tool Support for Testing

- Test tool considerations
- Effective use of tools

Course Agenda

1. Introduction to CTFL

2. Fundamentals of Software Testing

- Software System and Defects
- Overview of Software Testing
- Software Testing Process
- Psychology and Ethics of Software Testing

3. Testing throughout the Software Life Cycle

- Software Development Models
- Test Levels
- Test Types
- Maintenance Testing

4. Static Techniques

- Static and Dynamic Techniques
- Review Process
- Static Analysis by Tools

5. Test Design Techniques

- Common Testing Terms
- Test Development Process
- Categories of Test Design Techniques
- Behavior-Based Techniques
- Structure-Based Techniques
- Experience-Based Techniques

Course Agenda

6. Test Management

- Test Organization
- Test Planning and Estimation
- Test Progress Monitoring and Control
- Configuration Management
- Risk and Testing
- Incident Management

7. Tools Support for Testing

- Types of Testing Tools
- Effective Use of Tools–Potential Benefits and Risks
- Introducing a Tool into an Organization



Eligibility Requirements

The Foundation Level qualification is suitable for anyone who is involved as well as interested in software testing. This includes people in roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers. This Foundation Level qualification is also appropriate for anyone who wants a basic understanding of software testing, such as project managers, quality managers, software development managers, business analysts, IT directors and management consultants.

The entry criterion for taking the ISTQB Certified Tester Foundation Level Software Testing exam is that candidates have an interest in software testing. However, it is strongly recommended that candidates also:

- Have at least a minimal background in either software development or software testing, such as six months experience as a system or user acceptance tester or as a software developer.
- Take a course that has been accredited to ISTQB standards (by one of the ISTQB-recognized Member Boards).

CTFL Target Audience

Testers, Test Analysts, Test Engineers, Test Consultants, Test Managers, User Acceptance Testers, Software Developers.

Project Managers, Quality Managers, Software Development Managers, Business Analysts, IT Directors, and Management Consultants.

CTFL - Exam Fees

ISTQB® (International Software Testing Qualifications Board) CTFL (Certified Tester Foundation Level) Exam Fees is US **\$229** and includes your listing on the Official U.S. List of Certified Testers when you pass the exam, plus extra ASTQB (American Software Testing Qualifications Board) only career benefits including free live webinars and software testing career information.

CTFL - Exam Format

The time allowed for each examination is exactly 60 minutes. If the candidate's native language is not the examination language, the candidate is allowed an additional 25% time.

A score of at least 65% (26 points or more) is required to pass:

Module	Number of questions	Number of possible points	Passing score (65%)	Exam Length (in minutes)	Exam Length + 25% (in minutes)
Certified Tester Foundation Level	40	40	26	60	75



About iCert Global

We are an Education Technology company providing certification training courses to accelerate careers of working professionals worldwide. We impart training through instructor-led classroom workshops, instructor-led live virtual training sessions, and self-paced e-learning courses.

We have successfully conducted training sessions in 108 countries across the globe and enabled thousands of working professionals to enhance the scope of their careers.

Our enterprise training portfolio includes in-demand and globally recognized certification training courses in Project Management, Quality Management, Business Analysis, IT Service Management, Agile and Scrum, Cyber Security, Data Science, and Emerging Technologies. Download our [Enterprise Training Catalog here](#).

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