

Course Overview

From January 2024, the ISTQB Foundation Certificate course will correspond to the CTFL v4.0 syllabus, emphasizing Agile integration, test management, estimation, monitoring, and documentation. The curriculum fosters adeptness in process improvement, defect handling, and essential soft skills for today's intricate software testing environments.

Course Content

- **Fundamentals of Testing:** Updated to align with CTFL v4.0, this module defines the essential terminology and the latest approaches to the testing process. It now integrates modern Agile concepts alongside regression and retesting, stressing the significance of effective communication and the independence needed for successful testing.
- **Testing Throughout the Software Life Cycle:** Expanding on its role in both traditional and Agile software development models, this module emphasizes the importance of testing across the life cycle, including maintenance. It explores verification, validation, and the economic viability of testing within new iterative and incremental development contexts.
- **Dynamic Testing Techniques:** This module has been enhanced to cover a range of dynamic testing techniques in the context of contemporary software practices, ensuring comprehensive fault detection across diverse systems, including complex, integrated environments.
- **Static Techniques:** Broadened to include static analysis in the context of both traditional and Agile methodologies, this module discusses how static techniques contribute to early defect detection and overall software quality.
- **Test Design Techniques:** Reflecting the holistic redesign of the CTFL v4.0, this module now incorporates the latest design techniques that cater to both traditional and modern software development paradigms, ensuring robust and effective test coverage.
- **Test Management:** Revised to include the latest test management principles, this module covers the planning, estimation, monitoring, and control aspects of testing, highlighting the strategic role of testing in Agile and DevOps environments.
- **Tool Support for Testing:** Updated to reflect the contemporary landscape of testing tools, this module discusses the selection, implementation, and benefits of modern tools within various testing frameworks and organizational contexts.

INTENDED AUDIENCE

This ISTQB course will be of significant value to testers who have 3 months or more testing experience, test analysts, test managers who have not yet earned the qualification, business analysts, and developers. It is also ideal for professionals who are already certified in previous versions of the ISTQB Foundation and are looking to refresh their knowledge with the updated CTFL v4.0 syllabus to enhance their skill set in line with the latest industry practices.

COURSE DURATION

The course is presented by an experienced software testing practitioner. The course duration is four days with an exam.

TRAINING STYLE

The course is conducted in a virtual classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises, practice exams and learning aids to assist in preparation for the final exam.

TRAINING VENUES

iLAB Training is virtually presented globally.

The Exam

This course will provide the candidate with the necessary knowledge and skills to sit the ISTQB Foundation Certificate in Software Testing multiple-choice exam. Candidates will register for the examination at the end of the course.

Information about the certification can be found on the International Software Testing Qualifications Board (ISTQB) website: <http://www.istqb.org/>

Course Prerequisites

- IT background with at least 6 months of testing experience.
- If the delegate has no testing experience, the Practical Software Testing Course is required.

Elevate your software testing skills at the iLAB Training Center.

As the leader in independent software quality assurance and testing for over two decades, our training has helped thousands of testers and managers launch their careers into the next level! We offer a wide variety of courses at initial, intermediate and advanced levels. Our courses range from one to five days in duration and, depending on the facilities and number of candidates, can be arranged at your location.