

ISTQB Certified Tester Foundation Level Syllabus v4.0 (CTFL)

Gain a strong understanding of software testing principles and practices, while improving your career prospects by obtaining globally-recognised certification.

Topics Coverage over three days course duration

Chapter 1: Fundamentals of Testing

- What is Testing
- Why is Testing Necessary?
- Testing Principles
- Test Activities, Testware and Test Roles
- Essential Skills and Good Practices in Testing

Chapter 2: Testing Throughout the Software Development Lifecycle

- Testing in the Context of Software Development Lifecycle
- Test Levels and Test Types
- Maintenance Testing

Chapter 3: Static Testing

- Static Testing Basics
- Feedback and Review Process

Chapter 4: Test Analysis and Design

- Test Techniques Overview
- Black-box Test Techniques
- White-box Test Techniques
- Experience-based Test Techniques
- Collaboration-based Test Approaches

Chapter 5: Managing the Test Activities

- Test Planning
- Risk Management
- Test Monitoring, Test Control and Test Completion
- Configuration Management
- Risks and Testing
- Defect Management

Chapter 6: Tool Support for Testing

- Tool Support for Testing
- Benefits and Risks of Test Automation



By end of this three-day course, attendees should be able to:

- 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

Training Partners:



DURATION **3 DAYS** **MODE: ONLINE/F2F**