Technical Tester - ISTQB® Certified Tester Advanced Level

Preparation for the Technical Tester exam – part of the *ISTQB® Certified Tester Advanced Level* certification.

ISTQB®
Certified Tester

Kontakt

Greenliff AG

Technoparkstrasse 1

CH - 8005 Zürich

Phone +41 43 20 40 800

www.greenliff.com

Alle Seminare werden durch den akkreditierten Trainingsanbieter durchgeführt

imbus
Akademie

Structural and non-functional test techniques

This training course presents a comprehensive set of methods and techniques for deriving and specifying software tests at the white box level. On completing the course, participants are able to select and apply techniques for test case derivation such as control flow or data flow testing as well as static and dynamic analysis. They will also be familiar with supplementary non-functional techniques such as reliability testing, usability testing, performance, load and stress testing.

Test tools are also considered. The various software testing tools available are reviewed and their application fields and limits discussed. Participants will discover which tools could support their work, and learn how to avoid potential pitfalls in selection and implementation.

This seminar is the ideal preparation for the Technical Tester examination – part of the *ISTQB® Certified Tester Advanced Level* certification. In preparation for the exam, participants are familiarized with the subject matter behind the test standard and deepen their understanding by working through tool demonstrations and case studies. It is possible to take the examination directly at the end of the seminar.

Contents

- Structural techniques: control flow based
  - Statement and branch coverage
  - Path coverage, LCSAJ and segment-pair coverage
  - Simple, multiple and minimal-multiple condition coverage
- Data flow-based structural techniques and coverage criteria
- Static and dynamic analysis
- Non-functional techniques
  - Usability testing
  - Performance, load and stress test
  - Reliability testing

Target audience

Software testers, programmers; developers who want to deepen their knowledge of test design and test specification, enabling them to develop better and more precise test cases and select, implement and use test tools; anyone interested in being certified as an *ISTQB® Certified Tester Advanced Level*.

Prerequisites

We recommend completing the *ISTQB® Certified Tester Foundation Level* seminar before attending this course.

Seminar code CT-AT
Duration 3 days
Price CHF 2'350.-

GREENLIFF