

ISTQB Advanced Level Certified Software Tester

Learn via: **Classroom**

Duration: **3 Day**

Overview

The Certificate for Test Analysts is based on the ISTQB Advanced level syllabus. It extends the knowledge gained in the ISEB/ISTQB Foundation Certificate in Software Testing and is one of three certificated courses in the overall advanced scheme.

The advanced test analyst course is suitable for those actively involved in the analysis, specification, design and execution aspects of software testing.

Prerequisites

There are no prerequisites for this course.

Who Should Attend

- Testers;
- Test Analysts;
- Test Engineers;
- Test Consultants;
- Test Managers;
- User Acceptance Testers; and
- Software Developers.

What You Will Learn

Taking the ISEB/ISTQB Foundation Certificate in Software Testing as its basis, the certificate and course build directly on key aspects of test analysis:

To prepare candidates for the examination for the Advanced Certificate for Test Analysts;

Extend understanding of software test analysis – its practical application and key components - and to enhance awareness of issues and constraints around software test analysis.

Training Outline

Introduction to Syllabus

- General introduction and objectives;
- Review of the ISTQB Foundation Syllabus.

Basic Aspects of Software Testing

- General Refresher & Overview.

Testing Processes

- Test Analysis & Design;
- Test Implementation & Execution;
- Evaluating Exit Criteria & Reporting.

Test Management

- Risk Based Testing;
- Prioritisation;
- Coverage;

- Activities for Planning and Execution of Domain Testing.

Test Techniques

- Selection of Techniques;
- Typical defects and coverage criteria;
- Designing test cases;
- Test Specification;
- Rationale for defect-based and experience-based testing;
- Example defect taxonomies and their use;
- Exploratory testing.

Test of Software Characteristics

- Quality Attributes for Domain Testing;
- Quality Attributes for Technical Testing;

Reviews

- Review Checklists;
- Review Types.

Incident Management

- Analyse;
- Classify;
- Describe Defects.

Test Tools & Automation

- Test Tool Concepts;
- Test Tool Categories.

People Skills & Team Composition

- Communication.