

ISTQB Advanced Level Certificate in Software Testing

– Advanced Core Module

Course Introduction

This two day course follows on from the ISTQB Foundation Certificate course and is a prerequisite to any of the Advanced Level certificates (Test Manager, Test Analyst and Technical Test Analyst). This course takes all the core components relevant to all Advanced Level streams. Candidates will be given exercises, practice exams and learning aids for the advanced level qualification that they wish to attain.

The accredited material used in the course is used under licence from Grove Consultants. Sopra Group is accredited as a training provider for the Advanced Test Analyst and the Advanced Test Manager courses that use this core module.

Course Objectives

To provide an understanding of software testing that goes beyond the ISTQB Foundation level. It provides test managers, test analysts and technical test analysts with the essential common information. The course will provide a good level of knowledge that enables analysis of various situations in order to present practical solutions.

Who Will Benefit?

This 2-day course is appropriate for test managers, test team leaders, testers, developers, development managers, business analysts, and anyone wishing to gain the ISTQB Advanced Level Certificates in Software Testing.

Prerequisites

Those wishing to take the ISTQB Advanced Level Certificate exams must hold the ISTQB/ISEB Foundation Certificate in Software Testing.

Skills Gained

- Application of the generic test process to various projects
- Determining relevant factors to influence exit criteria
- Adopt a Risk Based approach to testing
- Learn how to enhance your own incident management process
- Establish better ways of communicating

Course Content

Basic Aspects of Software Testing

This general section looks at how testing fits into any development and maintenance activity. A review of different lifecycle models and systems that we need to test.

Testing Process

A look at the generic testing process and the activities that need to take place at each phase of testing.

Risk Based Testing

The session is dedicated to understanding the different types of risk, stages of the risk management process and the importance of stakeholder involvement. Understanding how a risk based test strategy can influence testing.

Reviews

Building on the foundation knowledge of reviews we go further into the principles and types of reviews and how to introduce them into organisations.

Incident Management

When can defects be detected and how the lifecycle of incidents can be applied at each level of testing. We cover examples of the type of metrics you can discover and how they can be used in process improvement.

Test Tools and Automation

The test tool concepts including cost-benefit analysis, strategies for tool deployment. Test tool classifications bringing more detailed considerations to the more common tool types e.g. test management and test execution.

People Skills

We cover the test teams' communication methods and the importance of communicating the right information in an objective and diplomatic way.

The Exam

There is no exam at the end of this course, but we will provide practice exams for all ISTQB advanced level qualifications.

Course Structure

The ISTQB Advanced Level Qualification is divided into three streams: Test Manager, Test Analyst and Technical Test Analyst. We have taken out the concepts that relate to all three streams into this two day module. This module must be completed by anyone wanting to attain the ISTQB Advanced Certificate before specialising in their appropriate stream.

