

Course Overview

The Advanced level qualifications are aimed at those individuals who have achieved an advanced point in their software testing careers. Each exam handles a different aspect of software testing and builds on the Foundation and Intermediate certifications with more practical and specific application of the broader theory.

ISTQB Advanced Test Manager is suitable for those who are expecting to be actively involved in the management of any aspect of software testing. The course, which is fully compliant with the syllabus and its prescribed learning objectives, contains 9 key modules of at least the required duration (minutes):

1. Introduction to the syllabus;
2. Basic Aspects of Software Testing (150);
3. Testing Processes (120);
4. Test Management (1120);
5. Reviews (120);
6. Incident Management (80);
7. Standards & Test Improvement Process (120);
8. Test Tools & Automation (90);
9. People Skills & Team Composition (240).

Access to the Learntesting virtual learning environment portal is provided for 1-year for all candidates taking this course. Candidates may commence it at any time during the year, but once started they are required to complete it within 120-days. The Advanced level qualifications examine up to level K4 of the given learning objectives / levels of knowledge.

We recommend that candidates taking this course spend some time in preparation by looking at some or all of the foundation video to refresh knowledge and terminology that is common to both Foundation and Advanced level syllabi. Also ensure they are familiar with the learning objectives and syllabus for the course.

Using a blended learning model, the course provides:

- Tutor-videos;
- Full transcript of online presentation;
- Interactive exercises and sample questions;
- Sample exam paper;
- Live Virtual Classrooms (pre-scheduled) for;
 - Advanced Level exercises; and
 - Exam question revision;
- Full tutor support.

Those taking the course are also provided with 1-year's access to:

- A Foundation refresher video;
- A number of testing and related discipline books from the Skillssoft library;
- Other value-add products, information and regular opinion pieces from industry-experts.

The Exam

This section contains information and documents that will help you prepare for this examination.

Each Advanced level examination lasts 3 hours and consists of 65 multiple choice, questions. Each question has a value of 1, 2 or 3 marks, the total available mark for each exam is 100 and the pass mark is 65. The Advanced level exam has "pick 'n' mix" questions which consist of a stem (question) followed by a list of options (minimum 5). The candidate is asked to pick 2 or 3 of the options listed.

The ISTQB Advanced level exams breakdown as follows:60% K2 (39 questions), 25% K3/K4 standard (16 questions), 15% K4 complex (10 questions).

Course Objectives

ISTQB Advanced Test Manager

ONLINE 120 Days Access



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

- To prepare candidates for the examination for the Advanced Certificate for Test Managers;
- To extend understanding of software test management – its practical application and key components - and to enhance awareness of issues and constraints around software test management.

Entry Requirements

Successful completion of the ISTQB-ISEB Certified Tester Foundation Level is a pre-requisite to taking an Advanced Certificate examination and it is suggested that candidates have a minimum of 3 years testing experience. Candidates may find the ISEB Intermediate Certificate a useful bridge between Foundation and Advanced though it is not mandatory.

Syllabus – Key points

Basic Aspects of Software Testing

- Testing in the Software Lifecycle;
- Testing for Specific System Types;
- Metrics & Measurement.

Testing Processes

- Test Planning & Control;
- Test Implementation & Execution;
- Evaluating Exit Criteria & Reporting;
- Test Closure Activities.

Test Management

- Test Management Documentation;
- Test Plan Documentation;
- Test Estimation;
- Scheduling Test Planning;
- Test Progress Monitoring & Control;
- Business Value of Testing;
- Distributed, Outsourced & Insourced Testing;
- Introduction to Risk-Based Testing;
- Risk Management;
- Risk Management in the Lifecycle ;
- Failure Mode & Effect Analysis;
- Test Management Issues.

Reviews

- The Principles of Reviews;
- Introducing Reviews;
- Success Factors for Reviews.

Incident Management

- Process, Evaluate, Analyze Defect & Update Defects Taxonomy.

Standards & Test Process Improvement

- Improving the Test Process;
- Different industry models.

Test Tools & Automation

- Test Tool Concepts;
- Test Tool Categories.

People Skills & Team Composition

- Individual Skills;
- Test Team Dynamics;
- Fitting Testing Within an Organization;
- Motivation;
- Communication.

Next steps

The Advanced level certifications are part of the ISTQB internationally recognised software testing scheme. The next step within this scheme will be Expert level. More details to follow when available

How to buy

- Call TSG +44 (0)20 7469 1500
- Visit our website at <http://testing-solutions.com/training/courses>.