Course Title: ISTQB® Advanced Test Management	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: ISTQB® Advanced Test Management Certificate	

Course Syllabus

Our ISTQB® Advanced Test Management training course syllabus is as follows:

1. The Test Process

1.1. Test planning activities

1.2. Test monitoring and control activities

1.3. Test completion activities

2. The Context of Testing

2.1. Test stakeholders

2.2. Importance of stakeholders knowledge in test management

2.3. Test management in hybrid software development model

2.4. Test management for various lifecycle models

2.5. Test management activities at various test levels

2.6. Test management activities for different test types

2.7. Test management activities to plan, monitor, and control

3. Risk-Based Testing

3.1. Testing as a risk mitigation activity

3.2. Identification of quality risks

3.3. Quality risk assessment

3.4. Quality risk mitigation though appropriate testing

3.5. Techniques for risk-based testing

3.6. Success metrics and difficulties associated with risk-based testing

4. Project Test Strategy

4.1. Choosing a test approach

4.2. Analysing the organisational test strategy, project context, and other aspects

4.3. Definition of text objectives

5. Improving the Test Process

5.1. The test improvement process

5.2. Model-based test process improvement

5.3. Analytical-based test process improvement approach

5.4. Retrospectives

6. Test Tools

6.1. Good practices for tool introduction

6.2. Technical and business aspects for tool decisions

6.3. Selection process considerations and return on investment evaluation

6.4. Tool lifecycle

6.5. Tool metrics

7. Test Metrics

7.1. Metrics for test management activities

7.2. Monitoring, control, and completion

7.3. Test reporting

8. Test Estimation

8.1. Estimating what activities testing will improve

8.2. Factors which may influence test effort

8.3. Selection of test estimation techniques

9. Defect Management

9.1. Defect management

9.2. Cross-functional defect management

9.3. Specifics of defect management in agile teams

9.4. Defect management challenges in hybrid software development

9.5. Defect report information

9.6. Defining process improvement actions using defect report information

10. The Test Team

10.1. Typical skills within four areas of competence

10.2. Analyse required test-team member skills

10.3. Assessing test team member skills

10.4. Developing test team member skills

10.5. Management skills required to manage a test team

11. Stakeholder Relationship

11.1. Cost of quality

11.2. Cost benefit relationship of testing

Course Overview

Our five-day ISTQB® Advanced Test Management training course will extend your broad understanding of testing that was acquired at ISTQB® Foundation level and will enable you to perform the role of Test Manager more effectively.

Our ISTQB® Advanced Test Management training course will teach you how to manage a testing project by implementing the mission, goals and testing processes established for the testing organisation.

Course Learning Outcomes

After our ISTQB® Advanced Test Management training course, you should be able to demonstrate the following business-based outcomes:

- Oversee testing across software development projects by implementing established test management processes for the project team or test organisation.
- Determine key test stakeholders and identify relevant software development lifecycle models for the specific context.
- Facilitate risk identification and assessment sessions within any software development lifecycle, using the findings to align testing with project objectives.
- Develop a project test strategy that aligns with both organisational testing guidelines and the project's specific needs.
- Track and manage testing activities to ensure project objectives are met.
- Evaluate and communicate test progress to relevant stakeholders.
- Identify essential skills and support team development to enhance testing capabilities.
- Prepare and present a business case for testing across different scenarios, outlining associated costs and anticipated benefits.
- Drive test process improvements within projects or product streams while contributing to broader organisational testing enhancements.
- Plan and coordinate test activities, including infrastructure requirements and effort estimation.
- Generate defect reports and establish a defect management workflow tailored to the software development lifecycle.

Audience

Our ISTQB® Advanced Test Manager training course is principally aimed at Test Practitioners who have achieved an advanced point in their careers in Software Testing and are expecting to be actively involved in the analysis, specification, design and execution aspects of Software Testing, and who want to increase their knowledge and skills.

Our ISTQB® Advanced Test Manager training course is also aimed at:

- Testers
- Test Analysts
- Test Engineers
- Test Consultants
- Test Managers
- User Acceptance Testers
- Software Developers

It is also appropriate for anyone who wants a deeper understanding of Software Testing:

- Project Managers
- Quality Managers
- Software Development Managers
- Business Analysts
- Management Consultants

Entry-Level Requirements

The entry-level requirement for our ISTQB® Advanced Test Manager training course is that you must hold the ISTQB® Foundation certificate.

Recommended Reading

There is no recommended reading associated with our ISTQB® Advanced Test Manager training course.

What's Included

Our ISTQB® Advanced Test Management training course includes the following:

- Full Course Materials
- ISTQB® Advanced Test Management Exam

Exam Information

ISTQB® Advanced Test Management Examination:

- 50 multiple-choice scenario-based questions
- It will be a 'closed book' examination i.e. no notes or books will be allowed into the examination room
- The examination duration is 120 minutes (or 150 minutes for candidates taking examinations that are not in their native language)
- Questions can be awarded 1-3 marks depending on difficulty
- You must score at least 65% to pass (58/88)

What's Next

Whenever you are ready for the next step in certification, here are the most common follow on courses after the ISTQB® Advanced Test Manager training course.

- ISTQB® Foundation
- ISTQB® Advanced Technical Test Analyst
- Combined ISTQB® Foundation & Agile Foundation Extension
- ISTQB® Foundation Agile Extension
- ISTQB® Advanced Test Automation Engineer
- ISTQB® Advanced Agile Technical Tester
- ISTQB® Acceptance Tester
- ISTQB® Advanced Security Tester
- ISTQB® Mobile App Tester
- ISTQB® Model Based Tester

Additional Information

Founded in 2002, ISTQB® (International Software Testing Qualifications Board) is a not-for-profit association comprising 47 national boards (including the UKTB) covering 71 countries worldwide.

ISTQB® has defined the Advanced certification as part of their ‘Certified Tester’ scheme that, with over 240,000 certifications, has become the de-facto worldwide standard for software testing qualifications.