PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: ISTQB® Model Based Tester	**Course Duration**: 2.0 Days
Exam: Included	**Exam Type**: Classroom Exam
Qualification: ISTQB® Model Based Tester Certificate	

Course Syllabus

Certified Model Based Testers who have passed the ISTQB® Model Based Tester exam should be able to accomplish the following business objectives:

• Collaborate in a model-based testing team using standard terminology and established MBT concepts, processes and techniques.
• Apply and integrate model-based testing in a test process.
• Effectively create and maintain MBT models using established techniques and best practices of model-based testing.
• Select, create and maintain test artefacts from MBT models considering risk and value of the features tested.
• Support the organization to improve its quality assurance process to be more constructive and efficient.

Course Overview

The two-day ISTQB® Model Based Tester training course extends the broad understanding of testing acquired at ISTQB® Foundation level to enable the role of Model Based Test Analyst to be performed.

Course Learning Outcomes

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.

The ‘Certified Tester’ scheme:

• Provides a set of professional qualifications widely-recognised by employers, customers and peers;
• Enables software suppliers to hire and train certified testers and thereby gain commercial advantage over their competitors by advertising their tester recruitment and development policies; and
• Enables comparison of testing skills across different countries, testers to move across country borders more easily, and multi-national/international projects to have a common understanding of testing issues.

Audience

The ISTQB® Model Based Tester training course is suitable for those who are or expect to be, working on projects that require the development and testing of data models. It is aimed at those who seek a practical application of the core software testing material covered at ISTQB® Foundation level on all projects that work with data models. The ISTQB® Model Based Tester course is for Test

Analysts, Test Team Leader, Data Modelers and all people who will be developing data models for testing and use in subsequent test automation.

Entry-Level Requirements

The recommended entry criteria for candidates taking the ISTQB® Model Based Tester course are as follows:

• Have 18 months of experience in software testing.
• Hold the ISTQB® Foundation in Software Testing certificate.

Recommended Reading

There is no formal prereading for this ISTQB® Model Based Tester training course.

What's Included

• Full Materials
• Highly Skilled & Knowledgeable Tutors
• ISTQB® Model Based Tester Examination

Exam Information

ISTQB® Model Based Tester Exam:

To qualify as an internationally-recognised Certified Foundation Model Based Extension Level Tester and be issued with an ISTQB® Model Based Tester Foundation Extension Level Certificate, delegates must successfully pass the exam administered by the relevant National Board or Examination Provider.

• The examination consists of a one-hour exam with 40 multiple-choice questions.
• It will be a ‘closed book’ examination i.e. no notes or books will be allowed into the examination room.
• Duration of 60 minutes (or 75 minutes for candidates taking examinations that are not in their native language). The pass mark is 65% (26 out of 40).

What's Next

Whenever you are ready for the next step in certification, here are the most common follow on courses after the ISTQB® Model Based Tester training course.

ISTQB® Foundation
ISTQB® Advanced Test Analyst
ISTQB® Advanced Technical Test Analyst
ISTQB® Advanced Test Manager

Additional Information

Certified Model Based Testers should be able to demonstrate their skills in the following areas once they have completed the ISTQB® Model Based Tester course and passed the exam:

- Objectives and motivations for model-based testing.
- Activities specific to MBT and essential MBT artefacts.
- Integrating MBT into the software development lifecycle.
- MBT modelling (good practices, languages, types of MBT models).
- Test selection criteria used in model-based testing.
- MBT test implementation and execution.
- Evaluating and deploying an MBT Approach.