

# ISTQB Foundation Level – Model Based Tester Extension – 2 Days includes Exam

## About the course

The ISTQB Foundation Level Model Based Tester Extension course extends the broad understanding of testing acquired at Foundation Level to enable the role of Model Based Test Analyst to be performed.

This two-day tutor-led course includes lectures, exercises and practical work, as well as exam preparation. The examination is held on the afternoon of the last day of the course, so allowing adequate time for revision. It is fully-accredited by UKTB on behalf of ISTQB and has been rated SFIPlus level 3 by the BCS.

After successfully completing the course and passing the exam, delegates should be able to:

- 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.

## Who it is for?

The Model Based Testing Foundation course is suitable for those who are, or expect to be, working on project that require 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 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 Requirements

The recommended entry criteria for candidates taking the Model Based Testing Foundation course are as follows:

- Have 18 months' experience in software testing.
- Hold the ISTQB Foundation in Software Testing certificate.

## The Exam

To qualify as an internationally-recognized 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).

## Syllabus – Key Points

- Introduction to MBT
- MBT activities and Artefacts
- Integrating MBT into the SDLC
- MBT Modelling Activities
- Subject and Focus of MBT Models
- Languages for MBT Models
- Good Practices for MBT Modelling Activities
- Classification of MBT Selection Criteria
- Applying Test Selection Criteria
- Specifics of MBT Test Implementation and Execution
- Evaluate an MBT Deployment
- Manage and Monitor the Deployment of an MBT Approach

The syllabus can be downloaded from [ISTQB.ORG/downloads](https://www.istqb.org/downloads) or [here](#)

## Next Steps

The Agile Testing Foundation course establishes a platform from which more specialist skills and knowledge may be acquired.

- iSQI® Practitioner in Agile Quality (PAQ)
- BCS Intermediate
- ISTQB Advanced courses

## How to buy

Call Experimentus on 0207 871 2300 or visit our website at: <https://www.experimentus.com> for further details.