

ISTQB Foundation Overview



DAY 1

Module 1a

- Objectives of Testing
- Failures
- Seven Principles of Testing
- Practical Exercise
- S/W Development Lifecycles
- Fundamental Test Processes
- Testing vs. Development
- Levels & Types of Testing



DAY 2

Module 1b

- Risk-Based Testing
- Practical Exercise

Module 2

- Static Testing & Reviews
- Practical Exercise
- Use Case Testing
- Practical Exercise
- Equivalence Partitioning
- Boundary Value Analysis
- Practical Exercise
- Decision Table Testing
- Practical Exercise
- State Transition Testing
- Practical Exercise
- Statement & Decision Testing
- Practical Exercise

DAY 3

Module 3

- Test Organisation
- Documentation
- Procedures & Schedules
- Practical Exercise
- Metrics & Estimation
- Incident Management
- Practical Exercise
- Configuration Management
- Types of Test Tools
- Static Analysis Tools
- Perf & Monitoring Tools
- Effective Use of Test Tools
- Introducing Tools into an Organisation
- Exam revision & preparation

TWO WEEKS LATER

- ISTQB Foundation Exam

The ISTQB Foundation provides attendees a thorough understanding of the fundamental concepts of testing. The main aim of the course is to provide a solid basis for attendees' further development through the ISTQB programme.

More than supplying an understanding of industry recognised testing terminology, methods and standards, the goal is that attendees return to their place of work with strong practical skills, such as the identification of risk and how testing can mitigate the risk, how to carefully design and document test cases, plus how to record and report the results of testing,

Different techniques and methodologies are discussed, to help supply a 'testing toolbox' for each attendee, allowing the students to employ recognised best practice in their place of work.

The hands-on approach gives the opportunity for all attendees to return to their place of work with relevant skills that can be put into practice immediately.

This course can be delivered face-to-face or via interactive online sessions to be more flexible around your schedule.

Duration

- 3 days

Format

- Tutorials
- Exercises
- Practical Sessions
- Demonstrations
- Full course notes, exercise sheets and related material handouts
- Mix of paper-based and PC-based exercises
- Exam following course completion

Learning Objectives

- Recognise the importance of testing to the success to IT projects
- Develop a risk-based test strategy
- Practice various black-box test design techniques
- Understand test support process
- Learn standard testing terminology
- Appreciate importance of well written incident reports

Audience

- Testers with 6+ months experience

Prerequisites

- IT degree or related area
- Exposure to IT projects

Follow-on Training

- ISTQB Advanced Streams