

ISTQB Syllabus - Duration 2 days

International Software Testing Qualification Board

Module 1:

Fundamentals of Software Testing

- Why Testing is necessary
- What is Testing
- What is Quality
- General Testing Principle
- Fundamental Test Process
- The psychology of testing

Module 2:

Testing throughout the Life Cycle

- Software Development Models
- Levels of Testing
- Types of Testing
- Maintenance Testing

Module 3:

Static Techniques

- Different Static techniques
- Review Process
- Static Analysis by Tools

Module 4:

Tool Support for Testing

- Types of Testing Tools
- Effective use of Tools
- Introducing a Tool into an Organization

Module 5:

Test Design Techniques

- Identifying test conditions and designing test cases
- Categories of Test Design Techniques
- Specification-based or black-box techniques
- Structure-based or white-box techniques
- Experience-based techniques
- Choosing test techniques

Module 6

Test Management

- Test Organization & Independence
- Test Planning & Estimation
- Test progress monitoring & Control
- Change and Configuration Management
- Risk Analysis
- Incident Management

Module 7:

Interview and Resume Preparation