# **ISTQB Foundation Level**.

### **What it is**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/14/2025]**

* **ISTQB** = *International Software Testing Qualifications Board* A global organization that defines and manages standardized certifications for software testers.
* **Foundation Level (FL)** = The **entry-level certification** in their scheme.

### **Purpose**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/14/2025]**

The ISTQB Foundation Level certification proves you have a solid understanding of:

* Basic software testing concepts
* Testing terminology
* Roles and responsibilities in testing
* Common testing techniques and processes
* The relationship between testing and software development

### **Who it’s for**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/14/2025]**

* **Beginners in software testing**
* Developers, QA engineers, project managers, and business analysts who want to understand testing basics.
* People aiming to move into a testing career.

### **Key Topics in ISTQB\_FL**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/14/2025]**

1. **Fundamentals of Testing**
   * Why testing is needed
   * Testing principles
   * Testing vs. debugging
2. **Software Development Lifecycle & Testing**
   * Testing in Waterfall, Agile, and other models
   * Test levels & test types
3. **Static Testing**
   * Reviews, walkthroughs, inspections
4. **Test Design Techniques**
   * Black-box: equivalence partitioning, boundary value analysis
   * White-box: statement/decision coverage
5. **Test Management**
   * Planning, estimating, monitoring, reporting
6. **Tool Support for Testing**
   * Types of test tools (management, execution, performance, etc.)

✅ **In short:** ISTQB\_FL is the **internationally recognized entry-level certification** for software testing, covering the essential principles, processes, and techniques.