

# Testing Training: Testing Best Practices (SUTST, 2 jours)

---

## Description

The course Testing Best Practices (Testing Training) covers the basics of software testing. The training includes an introduction to testing methodologies and a discussion on bug & defect types. The course also covers the development of key testing documents including the master test plan & individual test cases. The training concludes with a thorough discussion of test types including regression testing, user acceptance testing, usability testing, load testing, stress testing & security testing to name a few.

## Tarifs

- Tarification: \$1,500/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### Introduction to Testing

---

Testing Basics

Static Testing

Boundary Value Testing

Decision Table Testing

Garbage Data

State Testing

Other Forms of Testing

Applicable Standards

What are the Tools of Unit Testing?

What is a Good Unit Test?

### Bugs and Defects

---

Infamous Software Bugs

What is a Bug?

Types of Defects

Common Software Errors

Software Defects: Cause and Effect

Documenting and Reporting Bugs

Test Case Formats

Problem Solving

### Test Plans, Test Cases and Bugs

---

A Traceability Strategy for the Organization

The Test Plan and Test Cases

Testing Documentation

The Master Plan

Components of a Master Test Plan

The Test Design Specification

Writing Test Cases

Test Metrics

About Defects

Reporting Bugs

Managing Changes

## Other Testing Types

---

Objectives and Limits of Testing

Functional Testing versus Regression Testing

Acceptance Testing

Configuration Testing

Compatibility Testing

Testing Multi-Lingual Systems

Usability Testing

Website Testing

COTS Testing (Commercial Off The Shelf Applications)

## Testing for Security

---

Threats and Attacks

Security Flaws and Exploits

Threat Modelling

Threat Modeling using Business Activity Diagrams

Computer Forensics

Antivirus Products, Firewalls and Sniffers