

# Software Testing Leader

## Module 1

STL

Testing in different software development processes

Decision making information

Elective subject I, II

Interpersonal relationships

## Module 2

STL

Testing management and methodology II

Elective subject III, IV

Functional, functional automation or performance testing final project

It is expected that a software testing leader successfully completing these modules will:

- Be able to coordinate and lead software testing activities in an organization and strive for permanent process improvement.
- Promote the importance of testing, based on software testing information traceability and visibility, and its contribution to business decision making.
- Coach and promote continuous professional development of software testers in their organization.

Elective subjects include:

- Usability testing
- Compliance testing
- Security testing
- Cloud testing



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# SOFTWARE TESTING CAREER

Software Testing Leader

Software Testing Professional

Software Tester

## Objectives

To train software testing professionals, capable of designing, executing, managing software testing and leading testing groups.

To teach how to “test” the software as well as how to “test” the tests.

To gain experience with different flavors, possibilities and limitations of software testing in order to evaluate the quality of both the software under test and the testing being performed on that software.

Contribute to building a regional network of testing experts, enthusiastic about their profession, eager to share experiences and specialize in this discipline.

## Format

The Software Testing Career program is composed of 3 tiers. Each tier consists of two 3 month modules that can be completed while you keep your current job if you can commit 15-20 hours per week to career advancement. 2011 pricing is approximately U\$ 650 per module (pricing may vary due to current exchange rates). Currently, all instruction and student work will be delivered exclusively in Spanish.

## Software Tester

### Module 1

ST

Introduction to software testing  
Introduction to managing defects (“bugs”)  
Functional testing

### Module 2

ST

Documentation and reporting  
Functional testing techniques  
Introduction to performance (implementation) testing

It is expected that a software tester successfully completing these modules will:

- Understand software testing, functional testing and performance testing basic concepts.
- Be familiar with defect management concepts and understand the importance of testing documentation.
- Be prepared to begin a career as a software tester in industry.

## Software Testing Professional

### Module 1

STP

Functional test automation  
Documentation and reporting workshop  
Functional testing techniques workshop I

### Module 2

STP

Performance testing workshop  
Functional testing techniques workshop II  
Functional test automation workshop  
Testing management and methodology I

It is expected that a software testing professional successfully completing these modules will:

- Be able to reliably improve design and select the best strategy and techniques in a given context.
- Be able to plan resource requirements in order to reach test objectives.
- Be prepared to take responsibility for medium size projects.
- Have the knowledge required to make recommendations for testing process improvements.