

Hands-on course , 5  
day(s)  
Ref : TIS

### Participants

This formation is addressed to professionals of the software test: IT test manager, senior IT developer...

### Pre-requisites

To have taken the ISTQB® Foundation Level training, to be certified ISTQB Foundation level and to have 18 months of IT test experience.

### Next sessions

# ISTQB Advanced Level, Test Manager, Certification

## OBJECTIVES

*The ISTQB® Test Manager training course expands on the test techniques and methods introduced in the ISTQB® Foundation certification course and addresses those areas of the last ISTQB® advanced syllabus specifically related to the Advanced Test Management certification (Syllabus 2013).*

### 1) Testing Process

### 2) Test Management

### 3) Test Reviews

### 4) Defect Management

### 5) Improving the Testing Process

### 6) Test Tools and Automation

### 7) People Skills – Team Composition

### 8) Certification exam

## Certification

*This course is followed by official ISTQB certification exam.*

## 1) Testing Process

- General introduction of testing process.
- Test Planning, Monitoring and Control.
- Test Analysis and Test Design.
- Test Implementation and Test Execution.
- Evaluating Exit Criteria and Reporting.
- Test Closure Activities.

## 2) Test Management

- General introduction of test management: Test Management in Context.
- Risk-Based Testing and Other Approaches for Test Prioritization and Effort Allocation.
- Test Documentation and Other Work Products.
- Test Estimation.
- Defining and Using Test Metrics.
- Business Value of Testing.
- Distributed, Outsourced, and Insourced Testing
- Managing the Application of Industry.

## 3) Test Reviews

- General introduction of test reviews.
- Management Reviews and Managing Reviews.
- Metrics for Reviews.
- Managing Formal.

## 4) Defect Management

- General introduction of defect management.
- The Defect Lifecycle and the Software Development Lifecycle.
- Defect Workflow and States.
- Managing Invalid and Duplicate Defect Reports.
- Cross-Functional Defect Management.
- Defect Report Information.
- Assessing Process Capability with Defect Report Information.

## 5) Improving the Testing Process

- General introduction.
- Test Improvement Process.
- Improving the Testing Process.
- Improving the Testing Process with TMMi.
- Improving the Testing Process with TPI Next.
- Improving the Testing Process with CTP.
- Improving the Testing Process with STEP.

## 6) Test Tools and Automation

- General introduction of test tools and automation.
- Tool Selection.
- Tool Lifecycle.
- Tool Metrics.

## 7) People Skills – Team Composition

- General introduction.

- Individual Skills.
- Test Team Dynamics.
- Fitting Testing Within an Organization.
- Motivation and Communication.

## 8) Certification exam

- Revision on the main themes approached in formation.
- Practice test to involve itself.
- Installation of the examination: 3 hours, the last day on 2PM, by the GASQ selected by the ISTQB.