

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.