

Hands-on course , 4
day(s)
Ref : IST

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 and to be certified ISTQB Foundation level.

Next sessions

ISTQB Advanced Level, Test Analyst, Certification

OBJECTIVES

The ISTQB® Advanced Level Test Analyst 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 Analyst certification (Syllabus 2013).

1) Testing Process

2) Test Management: Responsibilities for the Test Analyst

3) Test Techniques

4) Testing Software Quality Characteristics

5) Reviews

6) Defect Management

7) Test Tools

8) Certification

Certification

This course is followed by official ISTQB certification exam.

1) Testing Process

- General introduction of testing process.
- Testing in the software development lifecycle.
- Test Planning, Monitoring and Control.
- Test Analysis. Test Design.
- Test Implementation. Test Execution.
- Evaluating Exit Criteria and Reporting.
- Test Closure Activities.

Exercise

Review question, exam preparation.

2) Test Management: Responsibilities for the Test Analyst

- General introduction.
- Test Progress Monitoring and Control.
- Distributed, Outsourced and Insourced Testing.
- The Test Analyst's Tasks in Risk-Based Testing.

Exercise

Review question, exam preparation.

3) Test Techniques

- General introduction of test techniques.
- Specification-Based approach. Equivalence Partitioning approach.
- Boundary Value Analysis. Decision Tables.
- Cause-Effect Graphing. State Transition Testing.
- Combinatorial Testing Techniques.
- Use Case Testing. User Story Testing.
- Domain Analysis. Combining Techniques. Defect-Based Techniques.
- Using Defect-Based Techniques. Defect Taxonomies. Experience-Based Techniques.

Exercise

Review question, exam preparation.

4) Testing Software Quality Characteristics

- General introduction of testing software quality characteristics.
- Quality Characteristics for Business Domain.
- Accuracy Testing.
- Suitability Testing.
- Interoperability Testing.
- Usability Testing.
- Accessibility Testing.

Exercise

Review question, exam preparation.

5) Reviews

- General introduction of reviews.
- Using Checklists.

Exercise

Review question, exam preparation.

6) Defect Management

- General introduction of defect management.
- When Can a Defect be Detected?
- Defect Report Fields.
- Defect Classification.
- Root Cause Analysis.

Exercise

Review question, exam preparation.

7) Test Tools

- General introduction of test tools.
- Test Tools and Automation.
- Test Design Tools.
- Test Data Preparation Tools.
- Automated Test Execution Tools.

Exercise

Review question, exam preparation.

8) Certification

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