

# ISTQB® Advanced Level, Test Analyst (CTAL-TA), Certification

Hands-on course of 4 days - 28h

Ref.: IST - Price 2024: CHF2 990 (excl. taxes)

## TEACHING METHODS

Hands-on work is carried out every chapter. A continuous review system relating to the exam is set up throughout the training (about 100 questions asked).

## CERTIFICATION

3-hour MCQ under the oversight of an ISTQB® examiner.

## THE PROGRAMME

last updated: 01/2018

### 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.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

## ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@ORSYS.fr](mailto:psh-accueil@ORSYS.fr) to review your request and its feasibility.

- 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.

## DATES

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### REMOTE CLASS

2024 : 04 Jun, 17 Sep, 10 Dec