

# Software testing, ISTQB® Certified Tester Foundation Level (CTFL) Certification

Hands-on course of 3 days - 21h

Ref.: ISQ - Price 2024: CHF2 290 (excl. taxes)

## TEACHING METHODS

Description of concepts, hands-on exercises, and preparing for the test.

## CER

Hands-on work during days 2 and 3. Continuous exam preparation (~100 questions). Mock exam and correction with comments on the 3rd day.

## CERTIFICATION

The certification exam is included in the training. Obtaining international ISTQB (International Software Testing Qualifications Board) certification makes it possible to demonstrate acquisition of a level of knowledge and skill in testing software for lead contractors and project owners. Training followed by official certification by the ISTQB.

## THE PROGRAMME

last updated: 05/2020

### 1) Fundamentals of Testing

- Why is testing necessary.
- What is testing?
- General testing principles.
- Fundamental test process.
- The psychology of testing.

### 2) Testing throughout the life cycle

- Software development models.
- Test levels.
- Test types: the targets of testing.
- Maintenance testing.

### 3) Static techniques

- Reviews and test process.
- Review process.
- Static analysis by Tools.

### 4) Test design techniques

- Test conditions and designing test cases.
- Categories of test design techniques.
- Specification-based or black-box techniques.
- Structure-based or white-box techniques.
- Experience-based techniques.
- Choosing test techniques.

### 5) Test management

- Test organisation.
- Test planning and estimation.

## 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.

- Progress monitoring and control.
- Configuration management.
- Risk and testing.
- Incident management.

#### 6) Tool support for testing

- Types of test Tools.
- Effective use of tools: potential benefits and risks.
- Introducing a tool into an organization.

#### 7) Exam

- Mock examination.
- Official ISTQB examination.

## DATES

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### REMOTE CLASS

2024 : 24 Jun, 11 Sep, 20 Nov