SELA Technologies Singapore
Level 7 #02/03 Forum The Shopping Mall Singapore 238884

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Certified Tester Foundation Level (CTFL) - ISTQB

Description

This course provides test engineers and test team leaders with the main ideas, processes, tools and skills they need in order to set themselves on a path for true testing professionalism.

This hands-on course covers the major test design techniques with lecture and exercises. The course provides the methodology behind the testing and covers issues both individual testers related as well as the whole testing team related. The testing process is presented through theory and hands-on exercises that follow an example project (which was developed for the purpose of presenting this course, and is adjusted to current technology), including the challenging tasks of tracking, analyzing and presenting tests results. Test environment and test automation issues are also covered, along with system development relevant lifecycles and how they affect testing. Class solutions are presented for the exercises performed in the class.

This course is aimed at test engineers and test team leaders preparing for ISTQB foundation level certification. It is based on the International Software Testing Qualifications Board Foundation Syllabus (www.istqb.org), and has been submitted for accreditation to ITCB (Israeli Testing Certification Board), which is a member of the International Software Testing Qualifications Board.

Course Fees***
SGD 1,800

Early Bird Fees*
SGD 1,500

Corporate Discount Fees**
SGD 1,200

Contact +65 9488 2567 or email sales@sela.com.sg for more information details

Terms & Conditions Apply:

- Course will proceed when requisite minimum number of participants has signed up.
- For items marked with*, **registration and payment should be made by 31st December 2018.**
- For items marked with**, Corporate Discounts rate applies with a minimum of 3 or more participants from the company for the same class. **Registration and payment should be made by 31st December 2018.** Please ask your company Human Resource (HR) representative to contact +65 9488 2567 or email sales@sela.com.sg for more information details.
- For items marked with***, inclusive of Certification Exam
- Sela Technologies Pte Ltd reserves the right to amend any terms & conditions without prior notice.

Objectives

- Explain the reasons for maintenance testing and how maintenance testing differs from progression (new application) testing
- Explain the phases, roles and responsibilities of a typical formal review, and contrast different types of reviews
- Understand and perform a quality risk analysis to serve as the basis for testing, using the factors of probability and impact to determine the level of risk
- Explain the characteristics, differences, and reasons for specification-based (black box), structure-based (white box), and experience-based tests
- Write and measure test cases using control-flow test design techniques like coverage, statement and decision coverage
- Explain the importance of independent testing team within the organization, but also the disadvantages of it
- Understand, use and interpret common metrics to monitor test preparation and execution
- Know typical and potential risks for testing
- Write a good bug report, with the proper content
- Explain different scripting techniques for test execution tools, including data driven and keyword driven
- Differentiate between project and quality (product) risks
- Understand the value, importance and use of static techniques and static analysis, and the difference between static and dynamic techniques
- Understand the key success factors for a successful review
- Experience writing test designs, cases, and procedures, relate them to each other, and trace these items to the test basis

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- Write test cases using equivalence partitioning, boundary value analysis, decision tables, and state transition diagrams, understanding the main purpose of each technique and what sufficiency of coverage is for each technique
- Understand the factors that influence the selection of appropriate test design techniques
- Know the tasks of typical test leader and test engineer
- Explain how configuration management supports testing
- Tips on Introducing a tool into an organization
- Know the different types of test tools, including programmers´ test tools
- Know the potential benefits and risks of test automation

Topics

- Principles
- Testing throughout life cycle
- Static techniques
- Test design techniques
- Test management
- Tool support for testing

Intended Audience

This course is intended for Test engineers, Test Team Leaders, Quality Officers/Engineers.

For more info please click on the link:
http://sela.com.sg/ CTFL-Certified-Tester-Foundation-Level-ISTQB.html

For further information details, email to sales@sela.com.sg or please call +65 9488 2567.