ISTQB Certified Tester – Foundation Level دوره

خلاصه :

In foundation level, the tester learns the basic terminology related to testing, the reasons why testing is required, what objectives are and the principles of successful testing. Moreover, the tester understands the test process, the major activities and artefacts, test process itself and how it interacts with software development and maintenance life cycles. Furthermore, the tester learns about test levels, test types and impact analysis, various static techniques of testing without executing the software, use systematic and heuristic techniques to derive test cases from other software artefacts and the software itself. In addition, test management is covered from a skills perspective, focusing on test execution and defect reporting and handling and learns hoe testing can benefit from tools in various fields such as requirement management, configuration management, test management as well as dynamic coverage, test execution and performance testing.

مدت دوره: ۲۴ ساعت

پیش نیاز:

It is suggested that candidates for the Foundation Level certification have at least six months' practical experience in a professional testing role.

مخاطب:

The Foundation Level qualification is aimed at anyone involved in software testing. This includes people in roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers.

This Foundation Level qualification is also appropriate for anyone who wants a basic understanding of software testing, such as project managers, quality managers, software development managers, business analysts, IT directors and management consultants. Holders of the Foundation Certificate will be able to go on to a higher level software testing qualification.

اهداف دوره:

در انتهای این دوره دانشجویان قادر خواهند بود:

- Use a common language for efficient and effective communication with other testers and project stakeholders.

- Understand established testing concepts, the fundamental test process, test approaches, and principles to support test objectives.

- Design and prioritize tests by using established techniques; analyse both functional and non-functional specifications (such as performance and usability) at all test levels for systems with a low to medium level of complexity.

- Execute tests according to agreed test plans, and analyse and report on the results of tests.

- Write clear and understandable incident reports.

- Effectively participate in reviews of small to medium-sized projects.

- Be familiar with different types of testing tools and their uses; assist in the selection and implementation process.

سرفصل دوره:

- Fundamentals of testing

- Testing Througout the software life cycle

- static techniques

- test design techniques

- test management

- tool support for testing

منبع درسی:

Foundation Level syllabus of ISTQB