ISTQB Certified Tester Foundation Level (CTFL)

Duration: 3 Days

Prerequisites:

- Basic understanding of software development: Familiarity with the basic concepts of software development processes will help learners understand the context in which testing is applied.
- Awareness of software testing: While prior experience in software testing is not mandatory, some awareness of the testing concepts and terminology can be beneficial.
- Logical thinking and problem-solving skills: Abilities to analyze problems and think logically will support the understanding of test design techniques and test management principles.
- Communication skills: Good verbal and written communication skills are important as the course includes understanding documentation and communicating with various stakeholders.
- Computer literacy: Basic proficiency in using computers, as the course may involve interacting with testing tools and software.
- No previous testing experience is required, making the course suitable for anyone looking to start a career in software testing or to understand the basic principles of software quality assurance.

Please note that while these are the minimum prerequisites, a keen interest in the subject and a willingness to learn will greatly enhance the training experience.

Course Description:

The ISTQB Certified Tester Foundation Level (CTFL) course is designed to provide a comprehensive understanding of the principles and practices of software testing. It serves as a foundational program for professionals aiming to establish their credentials in the field of software testing. The course covers various aspects, starting with Module 1: Fundamentals of Software Testing, which focuses on the goals of testing, setting the stage for why testing is essential in the software development lifecycle. Module 2: Testing Throughout the Software Development Lifecycle delves into the objectives of testing and emphasizes the importance of maintenance testing, the different test types, and the psychology of testing. As learners progress to Module 3: Static Testing, they explore static techniques and their application. Module 4: Test Techniques introduces test-design techniques, including specification-based and structure-based techniques, along with the use of experience-based knowledge. Test Management in Module 5 covers the organization and planning aspects of testing, while Module 6: Tool Support for Testing concludes the course by addressing the classification and implementation of test support tools. This structured approach equips learners with the knowledge to improve software quality and the testing process, enhancing their testing proficiency and career prospects.

Target Audience:

- QA Analysts
- Test Engineers
- Software Testers
- QA Team Coordinators
- Test Managers
- User Acceptance Testers
- Software Developers
- Project Managers involved in testing
- QA Consultants
- Performance Test Engineers
- Systems Analysts
- IT Professionals looking to understand testing fundamentals
- New graduates interested in a testing career
- Professionals seeking ISTQB certification to validate their testing skills

Course Outlines:

- Introduction
- Fundamentals of Testing
- Testing Throughout the Software Development Lifecycle
- Static Testing
- Test Analysis and Design
- Managing the Test Activities
- Test Tools
- References
- Appendix A – Learning Objectives/Cognitive Level of Knowledge
- Appendix B – Business Outcomes traceability matrix with Learning Objectives
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