

AutoMyTest



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AutoMyTest MyTest Fundamentals (TST101) Course

This 2 and a half days course and 60 minutes exam provides an introduction to fundamentals, disciplines and principles of different types of software testing. Candidates will learn how to effectively prioritize and apply testing techniques and processes through practical exercises in relation to their work environment. The course provides insight into testing within different software development life cycles. It also covers theoretical concepts of software testing and quality assurance standards and best practices.

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COURSE OBJECTIVES:

The learning objectives for this course include an understanding of:

- **Disciplines and Principles of Software Testing**
 - Purpose, focus and ongoing challenges of software testing
 - Different types of software testing disciplines and their principles, such as manual, automation, performance and security testing.
 - Various terminologies, software testing and quality assurance standards and best practices
 - Ethics and soft-skills requirements for testing professionals
- **The Fundamental Testing Process**
 - Fundamental Testing Process from the British Computer Society (BCS/ISTQB) standard for component/unit testing
 - Crucial building blocks for software testing processes with practical examples relating to the disciplines and principles of software testing
- **Testing Throughout Development Life Cycles**
 - Different types of software development life cycles
 - Impact on testing processes, test effectiveness, team structures and the overall software quality assurance
 - Adjust and adapt testing approach for different software development life cycles and project team structures
- **Fundamental Testing Techniques**
 - Apply the most commonly used software testing techniques for designing and prioritizing tests.
 - Dynamic and static testing techniques with practical exercises.
- **Test Management**
 - Importance of test management, namely, defect, test case, test configuration, test environment, test tools, test activities and test reporting managements
- **Quality Assurance Governance**

COURSE / STUDENT MATERIALS:

- 2 and a half days of instructor-led training and exercise facilitation
- Learner Manual (excellent post-class reference)
- Participation in unique exercises designed to apply concepts
- 60 minute open-book exam after the training



CERTIFICATION:

Successfully passing (65%) the 60 minute open-book exam, consisting of 40 multiple-choice questions, leads to the MyTest Fundamentals Certificate as a Certified Software Tester. The certification is governed and maintained by AutoMyTest.

PREREQUISITES:

- Familiarity with IT software development

AUDIENCE:

- Anyone involved in software testing, testers, developers, business analysts and managers

For **pricing, course schedules, exams** and **different course delivery methods**, please contact training@automytest.com or visit www.automytest.com.