

Vendor-Neutral Global IT Certifications



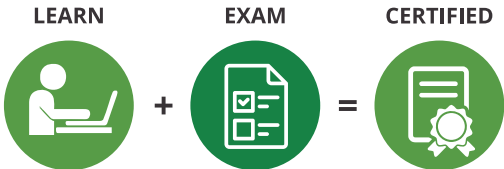
Star Certified Software Testing

MAKE YOUR SOFTWARE AGILE AND IMPROVE EFFICIENCY



Software Testing

Exam Code: S07-117



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Star Certified Software Testing

Software testing is a critical step in the software development cycle and ensures the software built is of desired quality. With the exponential increase in the number of mobile apps and other technologies, **software testing** as a field is constantly evolving and gaining prominence than ever.

Star Certified Software Testing is a certification program developed by Star Certification. It endorses candidate's skills to design testing cases for usability testing, conduct automated and manual tests to ensure the software meets all requirements, and more.

This program teaches students the fundamental concepts of software testing and its principles. The program then aims to teach the learners about different software testing techniques and tools and the agile software testing process.

Audience: The Star Certified Software Testing program is suitable for individuals who have basic coding skills and wants to join the lucrative field of software testing and want to build a robust career in this field



Course Objectives:

In this course, you will learn about:

- Concepts and principles related to testing software
- Static and dynamic software testing techniques
- Different tools available for web, desktop and mobile testing
- Automation testing
- Agile software testing
- Software quality assurance and metrics

Course Outcome :

After completing this course, you will be able to:

- Describe the essentials of software testing
- Employ software testing using multiple tools
- Explain how to deploy automation testing
- Secure the testing process
- Develop test cases and generate test reports
- Use testing techniques and manage software tests
- Understand agile software testing

Course Outline :

1. Introduction to Software
2. Exploring the Essentials of Software Testing
3. Exploring Testing and Software Life Cycle
4. Exploring Static Testing Techniques
5. Exploring Dynamic Testing Techniques
6. Managing Software Tests
7. Exploring Various Testing Levels and Testing Techniques
8. Describing Testing Tools
9. Describing Unified Functional Testing (UFT) 14.50
10. Describing LoadRunner
11. Describing Automation Testing
12. Agile Software Testing
13. Testing Mobile Applications
14. Testing Internet Applications
15. Testing Desktop Applications
16. Security Testing
17. Software Defect Management
18. Software Quality Assurance (SQA)
19. Software Quality Metrics
20. Improving Software Quality

Labs

- | | |
|----------------|---|
| Lab Session 1- | To Test a Sample Application Using Micro Focus UFT 14.50 |
| Lab Session 2- | To Test a Sample Website Using LoadRunner |
| Lab Session 3- | To Perform Automation Testing on a Sample Website using Selenium and JMeter |
| Lab Session 4- | To Test a Sample Android Application Using Bitbar |
| Lab Session 5- | To Perform Functional Testing and Usability Testing on a Website |
| Lab Session 6- | To Perform Automation Testing on a Desktop Application |
| Lab Session 7- | To Manage Defects using a Defect Management Tool |

Exam Information:

Exam Code	: S07-117	Exam Pattern	: Multiple Choice
Exam Duration	: 3 Hrs	Exam Delivery	: AEPTC (ACADEMIC EDUCATION & PROFESSIONAL TESTING CENTER)
Passing Score	: 70%		

Course Duration : 60 Hrs