

Efficient Software Testing

Test Automation with Selenium

Selenium has established itself as the leading tool for the test automation of web applications. Thanks to its open source basis and large community, it offers a flexible and versatile solution for different testing requirements. In this intensive course, participants will learn the basics of test automation with Selenium - from the setup and design of robust tests to integration into CI/CD environments (Continuous Integration/Continuous Deployment).

Testers can use Selenium to automatically navigate web applications, fill out forms and simulate various user interactions. This course focuses on the core features of Selenium, provides hands-on exercises, and teaches best practices for developing maintainable and efficient tests.

Course Contents

- Selenium basics: architecture, installation, WebDriver API
- Web technologies: HTML, CSS, DOM
- Element localization: XPath, CSS selectors
- Interactions with websites: Forms, alerts, iFrames
- Robustness of the tests: exception handling, logging, waits
- Test design: Page Object Model (POM)
- Test automation and CI/CD: reporting, integration in Jenkins and GitLab CI
- Cross-browser testing and extensions: Introduction to Selenide and cross-browser testing

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group

This course is aimed at software testers, developers and quality assurance professionals who want to develop their test automation skills with Selenium.

Prerequisites

You should have basic programming skills, ideally in a language such as Python, Java or another common programming language. A basic understanding of web technologies (HTML, CSS, DOM) is helpful to understand how web applications work.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:
www.experteach-training.com/go/TSTA

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.



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Status 05/07/2025

Training		Prices, excl. of V.A.T.	
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Date/course venue		Course language 	
01/09-03/09/25	 Düsseldorf	03/12-05/12/25	 Düsseldorf
01/09-03/09/25	 Online	03/12-05/12/25	 Online



Our Training Offer for You:



Classroom Training

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