Introduction to Selenium & Selenium Web Testing (TT3610)

Category: Software Development & Programming | **Vendor:** Trivera Tech

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Selenium provides mechanisms for interacting with web pages through browsers, including locating and interacting with specific features within a web interface. A tool such as Selenium IDE or Katalon can be used to perform the testing in a relatively manual fashion. Selenium also comes with WebDriver, which provides a programmatic interface (API) for controlling and managing Selenium tests and interactions. WebDriver provides a mechanism for capturing and repeating tests with a web interface. Introduction to Selenium is a hands-on web testing course, essential for experienced web developers and test engineers who need to verify web applications. This hands-on class focuses on practical skills and best practices to ensure the student learns the ins and outs of Web Application testing with Selenium and Java. To participate in the hands-on labs, incoming students should have familiarity with basic Java syntax. Students without basic Java background are welcome to follow along with the labs and cut and paste code or lab solutions as needed.

About This Course

Selenium provides mechanisms for interacting with web pages through browsers, including locating and interacting with specific features within a web interface. A tool such as Selenium IDE or Katalon can be used to perform the testing in a relatively manual fashion. Selenium also comes with WebDriver, which provides a programmatic interface (API) for controlling and managing Selenium tests and interactions. WebDriver provides a mechanism for capturing and repeating tests with a web interface. Introduction to Selenium is a hands-on web testing course, essential for experienced web developers and test engineers who need to verify web applications. This hands-on class focuses on practical skills and best practices to ensure the student learns the ins and outs of Web Application testing with Selenium and Java. To participate in the hands-on labs, incoming students should have familiarity with basic Java syntax. Students without basic Java background are welcome to follow along with the labs and cut and paste code or lab solutions as needed.

Who Should Attend

This is an introductory -level Selenium course, designed for experienced web developers that are familiar with Java, who wish to get up and running on testing web applications. Ideally students should have approximately 6 months to a year of web development working knowledge.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Students who attend Introduction to Selenium will leave the course armed with the skills required to recognize how to test web applications for sufficiency. This course uses Selenium and the WebDriver interface to design and implement tests. The student will work with a sample Web Application that requires several testing scenarios.

This “skills-centric” course is about 50% hands-on lab and 50% lecture designed to train attendees in the most current, effective techniques with the soundest industry practices. Working in a hands-on learning environment, guided by our expert team, attendees will learn to:

Understand web page testing needs and how Selenium meets those needs

Analyze a web application from a functional and testing perspective

Design, code, and run manual tests using the Katalon Recorder

Use Selenium constructs to locate elements on a web page

Test web page forms and the elements in those forms

Use test suites to organize and manage tests

Review Java constructs needed to by testers in working with WebDriver

Design code and run automated Selenium tests using the Java WebDriver API

Use the WebDriver API to test advanced web features such as delayed responses and Ajax

Using a combination of JUnit 5 features and WebDriver to consume streams of data for testing

Focus on Best Practices for Selenium testing using the Java WebDriver API

Detailed Course Outline

Selenium Basics

- Introduction to Selenium
- Using Katalon Recorder
- Creating and Running a Manual Test

Testing with Java and Selenium WebDriver

- JUnit 5 for Selenium
- Selenium WebDriver
- WebDriver Deep Dive
- Advanced WebDriver

Selenium Best Practices and Processes

- Selenium Best Practices
- Testing Strategies and Patterns

Next Steps with Selenium

- Page Object Model (POM)

Time Permitting - Optional

- Selenium Locators
- Selenese
- Forms

Additional Course Details

Nexus Humans Introduction to Selenium & Selenium Web Testing (TT3610) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Introduction to Selenium & Selenium Web Testing (TT3610) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Introduction to Selenium & Selenium Web Testing (TT3610)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Introduction to Selenium & Selenium Web Testing (TT3610) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Introduction to Selenium & Selenium Web Testing (TT3610) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Introduction to Selenium & Selenium Web Testing (TT3610)?

Yes, we provide corporate training, dedicated training, and closed classes for Introduction to Selenium & Selenium Web Testing (TT3610). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Introduction to Selenium & Selenium Web Testing (TT3610)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Introduction to Selenium & Selenium Web Testing (TT3610) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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