

Training: A4Q
Selenium Tester Foundation



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	650 EUR	3 days
Traditional	CTAB Tablet	800 EUR	3 days
Distance learning	Hardcopy	650 EUR	3 days
Distance learning	CTAB Tablet	650 EUR	3 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING TERMS

2019-09-02 | 3 days | Warszawa

TRAINING GOALS:

The **Selenium Tester Foundation** is a practical training course aimed at test professionals who desire a basic understanding of **Selenium WebDriver** for creating web application tests. Participants will learn about factors to consider when deciding to **automate testing** as well as specific techniques for navigation, interacting with GUI elements, logging, reporting, and more. Upon the successful completion of the course, a participant will be able to create and run **Selenium WebDriver tests** without supervision.

This is a three-day course with time for the exam on the third day. It consists of equal parts lecture/demonstrations and hands-on exercises. The **certification exam** is a 60 minute, 40 question, multiple-choice exam. Successful completion of the training course, as well as passing the exam, are required to attain the Selenium Foundation certification.

By the end of the course, attendees should be able to:

- Correctly apply test automation principles to build a maintainable test automation solution
- Be able to choose and implement correct test automation tools
- Be able to implement Selenium WebDriver scripts that execute functional web application tests
- Be able to implement maintainable scripts

This course is ideal for automators and those who want to learn automation using the Selenium WebDriver toolset. While this course is accessible to anyone wanting to acquire a basic, hands-on knowledge of Selenium, the main audiences are:

- People with no test automation experience who are starting to automate in Selenium (or who want to get a job doing that)
- People with some GUI test automation experience who are new to Selenium or starting to automate in Selenium (or who want to get a job doing that)
- People with some non-GUI test automation experience who are new to Selenium and starting to automate in Selenium (or who want to get a job doing that)

CONSPECT:

- Introduction and Review
- Test Automation Basics
 - Test Automation Overview
 - Manual vs. Automated Tests
 - Success Factors
 - Risks and Benefits of Selenium WebDriver
 - Selenium WebDriver in Test Automation Architecture
 - Reasons and Purpose for Metric Collection in Automation
 - The Selenium Toolset
- Internet Technologies for Test Automation of Web Applications
 - Understanding HTML and XML
 - XPath and Searching HTML Documents
 - CSS Locators
- Using Selenium WebDriver
 - Logging and Reporting Mechanisms
 - Navigate to Different URLs
 - Change the Window Context
 - Capture Screenshots of Web Pages
 - Locate GUI Elements
 - Get the State of GUI Elements
 - Interact with GUI Elements
 - Interact with User Prompts in Web Browsers
- Preparing Maintainable Test Scripts
 - Maintainability of Test Scripts
 - Wait Mechanisms
 - Page Objects
 - Keyword Driven Testing
- Exam session

REQUIREMENTS:

Attendees should have general knowledge of basic programming and some knowledge of Python.

Difficulty level



CERTIFICATE:

This course prepares you for Certified Selenium Tester - Foundation Level certification exam which is an integral part of the course.

Successful completion of the training course, as well as passing the exam, are required to attain the Selenium Foundation certification.

TRAINER:

A4Q Certified Trainer.