Selenium Test Automation: From the Ground Up

As companies transition to agile environments, Selenium is an essential tool to release quality software more quickly. Learn to use Selenium and to craft maintainable test frameworks and test suites in this one-day, hands-on course.

- Learn how to incorporate test automation in the development process
- Discover what Selenium is and how it works
- Find out how to craft maintainable test frameworks and test suites
- Understand pain points and solutions to common UI Testing problems

Selenium is the industry-standard tool for doing black box, User Interface Testing of web applications, and is a much sought after skill in today's world of test automation. As companies transition to agile environments, Selenium is an essential tool to release quality software more quickly. This course not only demonstrates how to use Selenium, but will show you how to approach testing websites in general. This course will teach you how to incorporate industry best practices to build maintainable User Interface test suites.

Who Should Attend
This course is appropriate for those doing manual testing who want to automate and who need to understand what Selenium is and how it can be adopted, as well as Developers who are familiar with automated testing but need to better understand the details of Selenium and creating maintainable test suites with it.

Prerequisites and Requirements
- Familiarity with Ruby or other object oriented programming language
- Laptop with administrator access
- Install Ruby [1]
- Install Git [2]
- Install IntelliJ Community Edition IDE [3]

Course Outline:

Selenium Basics
- History & Purpose
- Prerequisites and Installation
- Programming Refresher
- Implementing a Test Suite

Test Automation Fundamentals
- Approach to Automation
- Best Practices
- Components of a Framework
- Implementing a Maintainable Test Suite

Class Schedule:

Day 1: 1:00pm-4:00pm ET/10:00am-1:00pm PT
Day 2: 1:00pm-4:00pm ET/10:00am-1:00pm PT

Price:

$695

Course Fee Includes:
- Easy course access: Attend training right from your computer and easily connect your audio via computer or phone. Easy and quick access fits todayís working style and eliminates expensive travel and long days in the classroom.
- Live, expert instruction: Instructors are sought-after practitioners, highly-experienced in the industry who deliver a professional learning experience in real-time.
- Valuable course materials: Courses cover the same professional content as our classroom training, and students have direct access to valuable materials.
- Rich virtual learning environment: A variety of tools are built in to the learning platform to engage learners through dynamic delivery and to facilitate a multi-directional flow of information.
- Hands-on exercises: An essential component to any learning experience is applying what you have learned. Using the latest technology, your instructor can provide hands-on exercises, group activities, and breakout sessions.
- Real-time communication: Communicate real-time directly with the instructor. Ask questions, provide comments, and participate in the class discussions.
- Peer interaction: Networking with peers has always been a valuable part of any classroom training. Live Virtual training gives you the opportunity to interact with and learn from the other attendees during breakout sessions, course lecture, and Q&A.
- Convenient schedule: Course instruction is divided into modules no longer than four hours per day. This schedule makes it easy to get the training you need without taking days out of the office and setting aside projects.

- Small class size: Live Virtual courses are limited in small class size to ensure an opportunity for personal interaction.

Upcoming Dates:

| Live Virtual Classroom | March 05–March 06, 2019 | $695.00 |