



MASTER YOUR DIGITAL SKILLS

Introduction to Selenium

ICT Skills

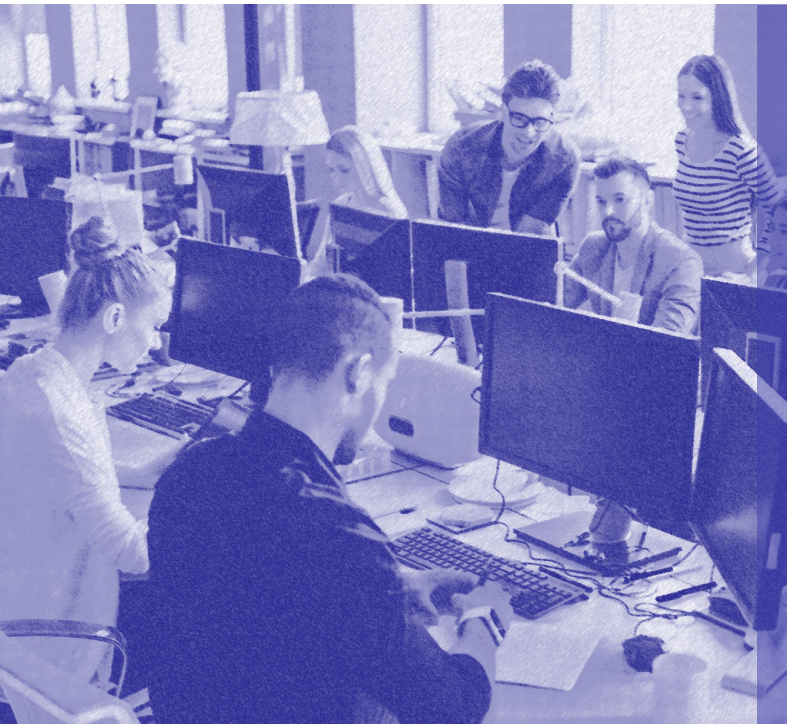
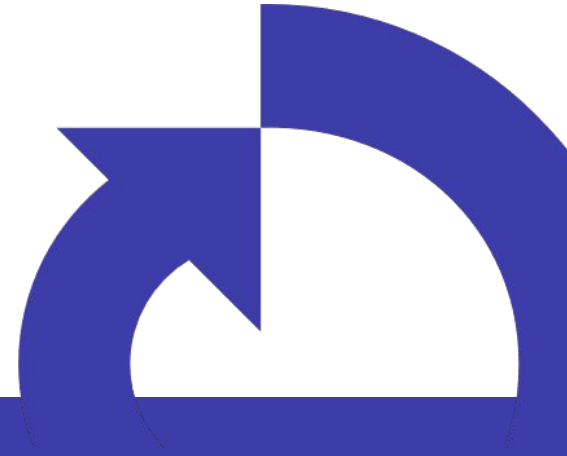
Workearly



Co-funded by
the European Union

COURSE OVERVIEW

This course provides a **comprehensive introduction to Selenium** for browser automation using Python. Participants will learn the fundamentals of **web automation, interacting with web elements**, and **best practices** for writing efficient automation scripts.



OUR GOALS

1. **Understand the Basics of Selenium** – Learn about **DOM, HTML structure**, and installing Selenium.
2. **Master WebDriver Operations** – Navigate websites, handle waits, and interact with web elements.
3. **Develop Functional Automation Scripts** – Use XPath, CSS selectors, and automate login forms.
4. **Apply Real-World Automation Scenarios** – Implement end-to-end testing workflows.

COURSE DESCRIPTION

Selenium is a **web automation tool** widely used for testing and data extraction. This course provides a **beginner-friendly** introduction to **setting up Selenium**, understanding **HTML structures**, and automating interactions with web pages. Whether you're new to automation or looking to refine your skills, this course breaks down **essential Selenium features** into easy-to-follow steps.

- **Getting Started with Selenium** – Overview of Selenium, its applications, and why it's essential for web automation.
- **Setting Up WebDriver** – Installing Selenium and configuring WebDriver for browser automation.
- **Understanding HTML & DOM** – Basics of how web elements are structured and how Selenium interacts with them.
- **Automating Web Interactions** – Learn to click buttons, fill forms, and navigate websites programmatically.
- **Handling Waits & Synchronization** – Manage delays and ensure stable automation scripts.
- **Real-World Use Cases** – Practical applications of Selenium for testing and web scraping.

COURSE INFO

Location	<u>Workearly Platform</u>
Date	Asynchronous
Duration	07 hours
Cost	Participation is fully funded by the European Union, under the Level Up Project



Level Up



VISIT US AT

levelup-skills.eu

CONNECT WITH US



[Enroll Now](#)

CONTACT US:

M. support@workearly.gr

T. +30 2102209811

VISIT US:

<https://www.workearly.gr/>



Co-funded by
the European Union

This document was produced in the course of the Level Up project, which received funding from the Digital Europe Programme (DIGITAL) of the European Union under Grant Agreement no 101100679.

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Health and Digital Executive Agency (HADEA). Neither the European Union nor the granting authority can be held responsible for them.