

| Syllabus for Selenium-L2 | | | |
|--------------------------|--------------------|-----------------|-------------------------|
| Skill Name | Selenium | Level | L2 |
| Target Audience | Automation Testers | Learning Hours | 40 Hours approximately |
| Learning Materials | PPT, Video | Learning Method | PPT, Video and Hands on |

1. Selenium Web-driver

- Selenium- An introduction
- Selenium Web-Driver
- Selenium Server
- Advantages of Webdriver over Selenium RC
- Selenium-WebDriver's Drivers

2. Webdriver API

- Webdriver API
- Webdriver Interface
- By Class
- WebElement Interface
- Other Important APIs
- Moving Between Windows and Frames

3. Selenium Locators

- Introduction
- Why TestNG Framework

4. Waits and Timeouts

- Implicit Wait
- Explicit Wait
- TimeOuts

5. Remote Web Driver

6. TestNG framework

7. TestNG annotations

- Annotations in TestNG
- Attributes of TestNG Annotations
- @DataProvider Annotation
- @Test Annotation and Attributes
- Test Groups
- Parameterizing in TestNG
- Dependencies
- Failed Tests
- TestNG Listeners

8. Build Tools

- Introduction
- Ant Build Tool
- Maven Build Tool

9. Page Object Design Pattern

- What is PODM
- Creating Objects in PODM
- Pros and Cons of PODM

10. Selenium Grid