

Course Overview

This course provides testers with the concepts of core Visual Basic (VB) Scripting that can be used in test scripting/automation. This course uses hands-on sessions that back up the theoretical concepts.

Course Content

The course covers the following areas:

- Context of Test Automation Scripting
- Overview of test automation architecture
- Think like a developer
- Object-orientated programming versus scripting
- Differences and similarities of programming and scripting languages
- Test automation tool types
- Version control for developing automated scripts
- Developing Automated Test Scripts
- Best scripting practices
- Scripting guidelines for automation execution

VISUAL BASIC SCRIPTING: Delegates will learn how to script in Visual Basic (the most often used test automated execution scripting language) with hands-on computer experience and practical exercises. The following topics will be covered:

- Variables and arrays
- Functions, subroutines, and methods
- Conditional/selection and looping statements
- Classes and libraries
- File input and output
- Database connections and batch processing
- Assertions and Defensive Programming

INTENDED AUDIENCE

The course is relevant to both manual testers and test automators of all experience levels who will be performing the development or execution of test automated execution scripts and DO NOT possess the following knowledge and skills sets: Visual Basic Scripting, Object Orientated, Programming and Design, Pseudo Coding, and Best Development Practices.

COURSE DURATION

The course is presented by an experienced software testing practitioner. The course duration is four days with a practical assignment.

TRAINING STYLE

The course is conducted in a virtual classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises and a practical assignment.

TRAINING VENUES

iLAB Training is virtually presented globally.

Course Requirements

Students are expected to provide their own laptops with the following requirements:

- Stable Internet Connection
- Windows 10
- 4 Gig (RAM)
- 64 bit
- 2.50 GHz
- 500 Gig (hard- drive)

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As the leader in independent software quality assurance and testing for over two decades, our training has helped thousands of testers and managers launch their careers into the next level! We offer a wide variety of courses at initial, intermediate and advanced levels. Our courses range from one to five days in duration and, depending on the facilities and number of candidates, can be arranged at your location.