

## Unified Functional Testing One (UFT One) Advanced (UFTOA) 24.2

Duration: 2 Days

### Course Overview

This advanced course provides a comprehensive understanding of the use of OpenText™ Unified Functional Testing One (UFT One) as an automated functional testing tool.

### Audience

- Application testers and QA Engineers

### Prerequisites

- Experience working with UFT One for six months or more
- Basic penetration tester skills
- Ability to read HTTPS requests and responses

### Course Outline

#### Course Overview

- Identify the contents and objectives of the course.
- Define the class logistics.

#### Software Overview

- Describe the advantages of UFT One as a testing tool.
- Preview the UFT One Start Page and Help menus.
- Recognize the sample applications used in the labs.
- Identify resources for getting assistance.

#### Advanced Editor Features

- Review the UFT Editor basic functionality.
- Use the Step Generator to create new steps in your test.
- Enter steps manually in the Editor.
- Use statement completion.
- Trace and debug tests.
- Use the Test Batch Runner.

#### Using VBScript

- Create constants and variables to hold important values.
- Format steps and create comments for clarity.
- Use operators to modify or compare values.
- Build conditional statements.
- Call built-in functions from the VBScript function library.

#### Working with Object Properties

- Retrieve any property of any object in the application during a test run.
- Retrieve and set properties in the object repository.
- Use additional properties of the Reporter utility object.

#### Working with Dynamic Data

- Retrieve useful properties from list-type objects.
- Describe the VBScript looping statements.
- Use additional methods to explore the Data Table.

**Working with Dynamic Objects**

- Identify types of dynamic objects.
- Manage the dynamic properties of objects in the object repository.
- Build a programmatic description for an object.
- Create and use a Description object.
- Retrieve a collection of child objects from a parent object.

**Retrieving External Data**

- Build scripts that access data from external sources.
- Import data from and export data to a Microsoft Excel worksheet.
- Perform DataTable operations.
- Use the Connection and RecordSet objects to query a database.
- Import and export data to text files.

**Handling GUI Testing Exceptions**

- Describe exceptions in a test.
- Describe how to handle exceptions with the test settings.
- Describe how to handle exceptions with Recovery Scenarios.
- Handle exceptions programmatically with VBScript.
- Handle positive and negative test data.

**Creating New Procedures**

- Identify the advantages of creating a procedure in a test.
- Create new subroutines and functions.
- Build a function library and associate it with a test.
- Register a procedure with an object class.
- Use a function as a recovery operation in a recovery scenario.

**Combination Generation and Parallel Execution**

- Use the Test Combination Generator tool to generate test data.
- Use the Parallel Runner tool to configure and run tests.
- Use the command line to run tests using the Parallel Runner.