

Course Guide

Software Testing

Career Package

"Thank you for providing the detailed testing training with a hands-on practical approach. I've learned a lot of new ways of testing different applications"

- **Harry Vadagama.**
Test Engineer,
Dell





Software Testing Career Package

With this course, all the participants will learn what and how to choose a right tool for their project.

Pre-Requisites

Willingness to Learn and Explore systems.

Course Audience

- ✓ Anyone who is new to Software Testing
- ✓ Anyone who is working in Testing Teams and Environment
- ✓ Aspiring Software Testers who are willing to get certified
- ✓ Developers or Business Analysts who are willing to learn Software Testing
- ✓ Senior testers who want to understand generalized terms used in the industry
- ✓ Non-testers who want to know more about software testing

Software Testing course allows you to learn from the very core fundamentals to advance level testing course which is intended for anyone who is new to testing or have been in the testing and want to learn more in details. The course will also help aspiring software testers to get ISTQB Certificate if someone requires it. With the course you will have understanding of Software Development Methodologies and Fundamentals of Software testing.

Test Automation can return very good ROI if done effectively in your project and improve the quality of the project overall. This course will help you to understand and identify test cases that need to be automated to reduce the redundancy and for doing regression testing.

Duration

12 Weeks

Location

Skiva IT Consulting

**Suite 902, Level 9, 175 Castlereagh Street,
Sydney, NSW 2000 Australia**

Course Objectives

- ✓ Understanding Software Development Methodologies & Testing process as a part of a project
- ✓ Fundamentals of Testing Principles and Processes
- ✓ Identifying Level of testing and Apply different Testing Types
- ✓ Understanding of Test Planning, Estimation, Monitoring and Defect Reporting
- ✓ How to deal with team members and become a good team player
- ✓ Identify how reports are used in the whole Testing Process
- ✓ Understand what tools are required and when in whole Testing Process
- ✓ What is Test Automation and why is it needed?
- ✓ How to create Test Automation Plan for your Project
- ✓ How to choose the tests to be automated?
- ✓ How to analyze and pick right tool
- ✓ Why learning QTP and what are the other Test Automation Tools

Course Content

Software Development Models (SDLC)

Fundamentals of Software Testing

- ✓ What is Quality
- ✓ Software Testing
- ✓ Why we test software?
- ✓ Bugs, Defect & Failure
- ✓ Validation vs Verification

Testing Types

Test Planning and Execution

- ✓ Test Plan, Strategy, Suit, Cases, Script
- ✓ Test Coverage
- ✓ Test Design Techniques
- ✓ Equivalence partitioning
- ✓ Boundary value analysis
- ✓ State Transition testing

Software Testing Life Cycle

- ✓ Requirement Capture
- ✓ Test Planning & Case Design
- ✓ Test Execution & Bug Reporting
- ✓ Test Cycle Closure & Result Analysis

Book Now

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Bug Reporting

- ✓ Which Bugs to report?
- ✓ How and when not to report?
- ✓ How to report (Raise) bugs?
- ✓ Bug (Defect) Life Cycle (DLC)
- ✓ Software Testing Tools
- ✓ Defect management tools
- ✓ Automation Testing tools
- ✓ Security Testing tools
- ✓ Load Performance Testing tools

VB Scripting Basics

- ✓ Basics
- ✓ Variables
- ✓ Data Types
- ✓ Operators
- ✓ Loops and Conditions
- ✓ Procedure and Functions
- ✓ Classes and Objects
- ✓ Errors

Quick Test Window - Key Elements of QTP

- ✓ QTP Toolbars
- ✓ QTP Panes
- ✓ QTP IDE

Generating the basic tests

Test Automation and Tools

- ✓ Introduction & Automation and why it is needed?
- ✓ Tools available for Automation
- ✓ Tools available for Defect Management
- ✓ Why to learn Selenium and why QTP?
- ✓ Selenium IDE/RC/Web Driver

Introduction to QTP

- ✓ Overview
- ✓ Disadvantages of Manual Testing
- ✓ Pros & cons of Test Automation
- ✓ Types of Automation
- ✓ Basic Features of QTP
- ✓ Integrated Tools from HP
- ✓ Why should I use QTP?

Debugging the tests

- ✓ Debug Commands
- ✓ Inserting/Removing Breakpoints
- ✓ Watching Variables
- ✓ Changing Variable Values
- ✓ Debug Viewer Window

Running tests

- ✓ Normal Execution
- ✓ Test Batch Execution

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Analyzing the Results

- ✓ Test Result Viewer
- ✓ Analyzing Test Results
- ✓ Exporting Test Results
- ✓ Test Results Deletion

Reporting Defects

- ✓ Manual Defect Reporting
- ✓ Tool based Defect reporting
- ✓ Integration with Quality Centre

Enhancing QTP tests in Details

- ✓ Recording Modes
- ✓ Context Sensitive Mode
- ✓ Object Repository
- ✓ Object Identification
- ✓ Inserting Check points
- ✓ Synchronization
- ✓ Parameterization

Career Counselling

- ✓ How to prepare effective resume and cover letter
- ✓ How to be successful in interviews
- ✓ Mock Interviews
- ✓ How to write Business Emails
- ✓ Do's and Don'ts to be a successful Tester

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> Software Testing Seminar

> Website Development Seminar

> Software Testing Workshop

> Career Development Seminar

Training Courses

Software Testing

> Software Testing Career Package

> Software Testing Training

> Agile Testing Training

> User Acceptance Testing

> ISTQB Foundation Testing

> QTP Training

> Selenium Training

> LoadRunner Training

> JMeter Training

Web Development

> Microsoft .Net - Hands On

> Microsoft .Net - Advanced

> Fundamentals of Java

Scripting & Database

> VB Scripting

> SQL for Testers

> SQL Server

Certifications

