



Sky Info technologies

B-77, Sector-64, Distt. Gautam Budh Nagar (U.P.) 201307
Tel. : +91-120-4242224, 4242223, Fax : +91-120-4242223
Website : www.skyinfotechnologies.com

SOFTWARE QUALITY TESTING CURRICULUM

DURATION : 90 Hours

➤ INTRODUCTION TO SQT

- ✓ Denotation of Testing, Quality, Quality Assurance, Quality Control
- ✓ Difference between Quality Assurance and Quality Control
- ✓ Software Testing Techniques
 - ❖ Black Box
 - ❖ White Box
 - ❖ Grey Box
- ✓ Software Development Life Cycle (SDLC).
- ✓ Software Testing Life Cycle (STLC)
- ✓ Difference between SDLC and STLC
- ✓ Bug Life Cycle
- ✓ Life Cycle Model
- ✓ ISO & CMM Certifications and its relevance:
- ✓ Testing Types, Methodologies & levels
- ✓ Manuals V/S Automated Testing
- ✓ Report Analysis
- ✓ Defect Tracking

➤ MANUAL TESTING (MT)

- ✓ Introduction of Manual Testing and its Limitations
- ✓ Manual Testing Process
- ✓ Test Policy
- ✓ Test Strategies
- ✓ Test Methodology
- ✓ Test Plans
- ✓ Test Design Specification
- ✓ Test Cases
- ✓ Defect Report
- ✓ Traceability Matrix
- ✓ Defect Tracking
- ✓ Measurement

➤ AUTOMATED TESTING TOOLS (Mercury Interactive)

WINRUNNER (WR)

- ✓ Introduction to Win Runner
- ✓ Testing process

- ✓ Learning Methods
 - ❖ Prelearning by Rapid test Script Wizard
 - ❖ Autolearning
- ✓ GUI Map
- ✓ Recording Methods
 - ❖ Context Sensitive
 - ❖ Analog
- ✓ Editing the GUI map
- ✓ GUI Spy
- ✓ GUI Map Configuration
- ✓ Check points
 - ❖ GUI Checkpoints
 - ❖ Bitmap Checkpoints
 - ❖ Database Checkpoints
 - ❖ Get Text
- ✓ Synchronizing test Execution
- ✓ File Function
- ✓ Output Function
- ✓ Retesting
 - ❖ Through Dynamic Input Submission
 - ❖ Through Flat File
 - ❖ Through Data Driver Wizard
- ✓ Compiled Module
- ✓ Function Generator
- ✓ Regular Expression
- ✓ Batch Test
- ✓ Exception Handling
- ✓ Virtual Objects Wizard
- ✓ Breakpoints
- ✓ Watch list
- ✓ Web Application Testing
- ✓ Analyzing & Reporting Test Results

➤ **LOAD RUNNER (LR)**

- ✓ Introduction
- ✓ Load runner testing process
- ✓ Vuser Scripts
- ✓ Working with Vuser
- ✓ Transactions
- ✓ Rendezvous points
- ✓ LR controller
- ✓ Scenarios
- ✓ LR Agent
- ✓ Remote Command Launcher
- ✓ LR Scripting (GUI, DB & Web)
- ✓ Parameterise the Scripts
- ✓ Analyzing Reports & graphs

➤ **TEST DIRECTOR (TD)**

- ✓ Introduction
- ✓ Administration
- ✓ Test Planning

- ✓ Test Execution
- ✓ Remote defect Reporter
- ✓ Remote viewer
- ✓ Filter Technique
- ✓ Sorting Technique
- ✓ Attachment Technique
- ✓ Defect Tracking
- ✓ Connection from WR, LR

➤ **QUICK TEST PROFESSIONAL (QTP)**

- ✓ Introduction
- ✓ Testing Process
- ✓ Recording Tests
- ✓ Check Points
 - ❖ Standard
 - ❖ Table
 - ❖ Text
 - ❖ Text Area
 - ❖ Database
 - ❖ Bitmap
 - ❖ Page
 - ❖ Accessibility
 - ❖ XML
- ✓ Parameterization
- ✓ Output Values
 - ❖ Standard
 - ❖ Text
 - ❖ Text Area
 - ❖ Database
 - ❖ XML
- ✓ Using Regular Expression
- ✓ Object Identification
- ✓ Recovery Scenario Manager
- ✓ Actions
 - ❖ Dividing Tests Into Multiple Actions (split function)
 - ❖ Call to New action
 - ❖ Call to Existing Action
 - ❖ Call to Copy of Action
 - ❖ Call to Winrunner
- ✓ Documentation

➤ **SILK TEST (Segue)**

- ✓ Introduction of Silk Test
- ✓ Testing Process of Silk Test
- ✓ Methodologies in Silk Test
- ✓ GUI Check Points