QCMORE

Smart Testing Needs Smart Training

Software Testing Training – A Practitioners Course

Course Content

Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7

Nurturing Software Test Professionals for the Digital World

Week 1

• Introduction to Software Systems

• Software Development Life Cycles

• Quality - Definition, Process and Implementation

• Cost of Quality at various stages

• Requirement analysis and Review process

• Lab 1 - Requirement review of Live Application

• Lab 2 - Requirement walk-through and Sign-off

Week 2

• Testing Psychology

• Types of Defects

• Types of Tests

• Test Design Techniques

• Test Scenarios and Test Cases

• Black-box and White Box Testing techniques

• Lab 1 - Draft Test Scenario and Test Cases for Live Application

• Lab 2 - Identifying Automation Tests for Live Application

• Lab 3 - Unit Testing Demo and Exercise

Week 3

• Test Strategy and Planning

• Test Methodologies and Test Process

• Integration Testing

• System Testing

• Functional and Non Functional Testing

• User Acceptance Testing

• Lab 1 - Review of Draft Test Cases

• Lab 2- Sign off Test Cases and Test Execution of Live Application

• Lab 3 - Automating Non Functional Tests for Live application

Week 4

• Defect Life Cycle

• Test Reporting and Tracking

• Test Estimation

• Test Metrics and Measurement

• Test Management

• Defect Analysis

• Lab 1 - Defect Retesting for Fixed Defects

• Lab 2 - 1 full Regression Test Cycle

Week 5

• Need based Approaches (Exploratory Testing, Risk based Testing, Session based Testing etc.)

• Risk and Issue Management

• Test-ware and Test data Management

• Change Management

• Communication

• Automation Test Frame Work

• Lab 1 - Automation Test Design for Live Application

• Lab 2 - Test Coverage Analysis and RTM

Week 6 & 7

• Selenium Over view

• Environment Setup and Installation of Selenium

• Architecture of RC and IDE, Selenese Commands

• Using Selenium - User Interactions

• Using Selenium - Developing Frame work for Live Application

• Using Selenium - Test Scripting and Test Execution

Week 8

• Presentations

• Mock Interviews

• Soft Skill Enhancement