



Shaping Talents



Shaping Future

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Become a Certified
Technology Expert



**MANUAL
TESTING
TRAINING**

Manual Testing Training

About EnhanceLearn

EnhanceLearn offers you a complete career transition by providing training and placement programs for Students and Jobseekers looking for a Career Success. We provide best IT training and certification courses which is taken by professional certified experts. The training modules are designed as per the market requirement so that it helps student to conquer the Career Job Market and achieve their career goals with our placement assistance.



About the Manual Testing Training Course

Manual testing is phase of software development lifecycle. It is called for software testing. However it requires the necessary knowledge such as about different types of manual / software testing, and many tools are being used for testing of bugs. In this course you will learn everything that is required from a good manual tester. EnhanceLearn offers Software Testing Training course to make you an expert and to extensively reach almost every topics and concept of testing. Enhance your skills and knowledge with our expert trainers and become an expert in Java.

Why take Manual Testing Training Course?

Now a day's very high demand for the manual testers has seen the entire new rise in the recent time.

The demand graph of the software tester has increased tremendously in the recent years. Manual testing has more job opportunities in the IT Field.

Software testing to be a \$34 Billion market by 2017 – hcltech.com

Every organisation or company needs Testers to find any errors or bugs in their software or programs. Demand of Testers are high in job market and thus jobs are in high numbers.

Software Tester jobs gaining significance in the IT industry. May it be automation or manual software testing, demand for Software Testing experts is enormous!

Fast-track your career to take on more lucrative job roles and take your career to the next level.

If you are interested in joining EnhanceLearn's best Training and Placement Program team, please reach our team here:

Manual Testing Training

Course Content:

Module 1: Software Testing Introduction

- Introduction to testing
- Need for testing
- What is manual testing?
- Importance of testing
- Roles and Responsibilities
- Principles of software testing
- Differences between Manual and Automation Testing.
- Quality Assurance and control
- Constraints of Testing
- Software Tester Roles
- SDLC Overview
- Life Cycle models
- STLC Overview
- AGILE Testing

Module 2: Software Development LifeCycle

- SDLC Phases:
 - Requirements Phase.
 - Analysis Phase.
 - Design phase.
 - Coding Phase.
 - Testing phase.
 - Delivery and Maintenance Phase
- SDLC Models:
 - Waterfall Model.
 - V Model.
 - Agile Model (Scrum, XP)
 - Iterative and Incremental Method.
 - Hybrid Model
 - Prototype Model.
 - Spiral Model.
- Advantages and Disadvantages of each SDLC

Module 3: Software Testing Methodologies

- White Box Testing
- Black Box Testing
- Grey Box Testing

Module 4: Software Testing LifeCycle

- Requirements Analysis/Design
 - Understand the requirements

- Prepare Traceability Matrix
- Test Strategy and Planning
 - Object
 - Schedule
 - Approach
 - Assumptions
 - Risks & Mitigations
 - Deliverables
 - Configuration
 - Customizing Test Process
 - Budgeting Overview
 - Write Test cases
 - Review Test cases
 - Test Cases Template
 - Types of Test Cases
- Test Environment setup
 - Understand the SRS
 - Hardware and software requirements
 - Test Data
- Test Execution
 - Execute test cases
 - Overview on Build and Release
 - Defect Tracking and Reporting
 - Pre QA Checklist
 - Entry and Exit criteria
 - Types of Bugs
 - Identifying the Bugs
 - Reporting the Bugs
- Managing Defect
 - Defect Prevention
 - Defect Discovery
 - Defect Life Cycle
 - Severity and Priority
 - Overview on RCA
 - Identify and log Defects
 - Bugzilla Tool
- Team Collaboration & Reporting
 - Test Status Reports
 - Criteria for test closure
 - Test Closure Reports
 - Tester and Developer, Team Collaboration
 - Client Interaction
 - Onshore/Offshore Model
 - Mitigate current challenges
 - Test summary report
- Test Measurement & Metrics

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Manual Testing Training

- Overview on Metrics & Measurements
- Why Test Metrics?
- Test Metrics Benefits
- Metric Life Cycle
- Types of Manual Test Metrics

Module 5: Test Cases Design

- Difference between Test Scenarios and Test Cases
- Test Cases Design
- Test Case creation for application
- Traceability Matrix
- Techniques of testing
 - Static Techniques:
 - Informal Reviews
 - Walkthroughs
 - Technical Reviews
 - Inspection
 - Roles and Responsibilities during Review
 - Dynamic Techniques:
 - Statement Coverage Testing
 - Branch Coverage Testing
 - Path Coverage Testing
 - Conditional Coverage Testing
 - Loop Coverage Testing
 - Black Box Techniques:
 - Specification-based techniques
 - Boundary Value Analysis
 - Equivalence Class Partition
 - State Transition Technique
 - Cause Effective Graph
 - Decision Table Testing
 - Use Case Testing
 - Experienced Based Techniques:
 - Error guessing
 - Exploratory testing

Module 6: Levels of Testing

- Functional Testing
 - Unit Testing
 - Integration Testing
 - System Testing
 - User Acceptance Testing
 - Sanity/Smoke Testing
 - Regression Test

- Retest
- Non Functional Testing
 - Performance Testing
 - Memory Test
 - Scalability Testing
 - Security Testing
 - Cookies Testing
 - Session Testing
 - Recovery Testing
 - Installation Testing
 - Adhoc Testing
 - Risk Based Testing
 - I18N Testing
 - L10N Testing
 - Compliance Testing
- Types of Testing:
 - Regression Testing
 - Smoke Testing
 - Database Testing
 - Load Testing
 - Performance Testing
 - Compatibility Testing
 - Security Testing, Volume Testing
 - Stress Testing
 - Usability testing
 - Internationalization Testing,
 - Localization Testing

Module 7: QA & QC & Testing

- What is Quality Assurance?
- What is Quality Control?
- Differences between QA & QC & Testing

Module 8: Testing Tools

- Need for Automation
- Overview of Different Automation Tools
 - QTP
 - Selenium
- Quality Centre Overview

Module 9: Manual Testing Projects

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