

# Quality Assurance Testing

In an era where software excellence is paramount, Quality Assurance (QA) Testing stands as the guardian of quality, ensuring that applications meet and exceed user expectations. As industries evolve, the demand for skilled QA professionals is skyrocketing. Enroll in our comprehensive QA Testing Course and unlock a world of opportunities.



**Discover**  
*What Our School  
Has to Offer!*

# Key Features of Our QA Testing Course

## 1. **Expert-Led Training:**

Learn from seasoned industry professionals with hands-on experience in QA testing. Benefit from their insights, real-world examples, and best practices.

## 2. **Comprehensive Curriculum:**

Our course covers the entire QA testing lifecycle, from understanding requirements to test planning, execution, and reporting. Gain expertise in functional testing, automation, performance testing, and more.

## 3. **Hands-On Projects:**

Apply your knowledge in real-world scenarios through hands-on projects and case studies. Build a robust portfolio to showcase your skills to potential employers.

## 4. **Industry-Standard Tools:**

Familiarize yourself with the latest QA testing tools, including Selenium, Jira, and more. Acquire practical skills that are directly applicable in the workplace.

## 5. **Career Guidance:**

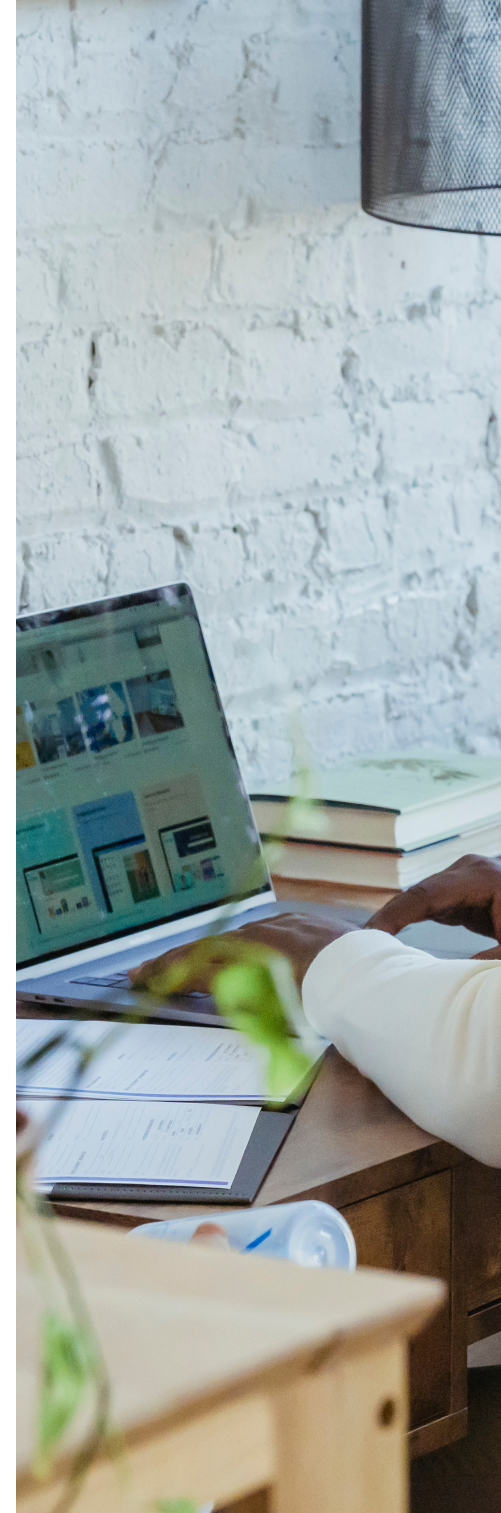
Receive personalized career guidance, resume review, and interview preparation. Benefit from our extensive network of industry connections to jumpstart your career in QA testing.



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# Who Should Attend?

- **Aspiring QA Testers:** Kickstart your career in quality assurance testing.
- **Software Developers:** Enhance your skill set by mastering QA testing methodologies.
- **Project Managers:** Gain insights into QA processes to ensure project success.
- **Quality Assurance Professionals:** Stay current with the latest tools and best practices.



# DURATION

5 Months

# Prerequisite

## Laptop:

4GB RAM at least with Core 2 Duo/Core i3 and above is good for the program

# LEARNING MODEL



TUTOR-LED  
PHYSICAL CLASSES



COLLABORATIVE & INTERACTIVE  
LEARNING



INDIVIDUAL & GROUP  
BASED PROJECTS



VIRTUAL CLASS





# About Syllabus

Welcome to the Comprehensive Quality Assurance Testing Course! In this program, we embark on a journey to explore the critical role of Quality Assurance (QA) in the realm of software development. This course is designed to equip you with the knowledge and practical skills necessary to excel in the dynamic field of QA Testing.

## Course Duration

- 5 months



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# SYLLABUS

## Introduction to Quality Assurance Testing

- Understanding the importance of QA in ensuring software quality
- Overview of QA methodologies and their applications
- Role of QA in the software development life cycle (SDLC)

## Fundamentals of Software Testing

- Principles of software testing
- Types of testing and their applications
- Test levels and test types

## Requirement Analysis and Test Planning

- Requirements gathering and analysis
- Test planning and strategy development
- Creating a comprehensive test plan document

## Test Case Design and Execution

- Techniques for developing effective test cases
- Test data creation and management
- Execution of test cases and test scripts

## Unit Testing

- Basics of unit testing
- Writing and executing unit tests
- Overview of integration testing



# SYLLABUS

## System and Integration Testing

- Conducting system testing
- Integration testing approaches
- Ensuring seamless communication between software components

## User Acceptance Testing (UAT)

- UAT planning and execution
- Collaboration with end-users
- Handling feedback and defects in UAT

## Introduction to Automation Testing

- Benefits and challenges of automation
- Selecting the right automation tool

## Scripting and Frameworks

- Writing automation scripts
- Overview of test automation frameworks

## Automation Tools (e.g., Selenium)

- Setting up and configuring Selenium
- Creating and running automated tests

## Performance Testing Tools (e.g., JMeter)

- Setting up JMeter for performance testing
- Designing and executing performance tests

## Special Topics

### Mobile Application Testing

- Challenges in mobile testing
- Testing strategies for mobile applications
- Overview of mobile testing tools

### Agile and DevOps in QA

- Integrating QA into Agile and DevOps processes
- Continuous testing and continuous integration



# SYLLABUS



## Capstone Project

Real-world Application of QA Testing

- Applying learned concepts to a real-world project
- Creating a comprehensive test plan and executing test cases
- Reporting and addressing issues in the testing process

## Career Development

Resume Building and Interview Preparation

- Crafting a compelling resume for QA positions
- Preparing for QA interviews
- Networking and job search strategies

## Course Evaluation and Certification

Assessment and Grading

- Class participation, quizzes, and assignments
- Capstone project evaluation

Certification

- Successful completion of the course requirements
- Certificate of completion issued by TechZone Academy

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# ABOUT US

We are a school for individuals looking to gain technical skills and kickstart a career in Tech. Tech Zone Academy Offers Training, Consultancy, Advisory And All Related Services In All Areas Of Information Technology Including Computer Hardware And Software, Data Communication, Telecommunications. We deliver world-class software training, and tech infrastructure, to software engineers in rural and urban Africa, while deploying their skills to global technology needs. Take your skills from beginner to industry ready in 6 - 12 months. Neither a degree nor prior tech experience is required.







# Apply Now

Limited spots available, apply now  
at [techzone.academy](https://techzone.academy)

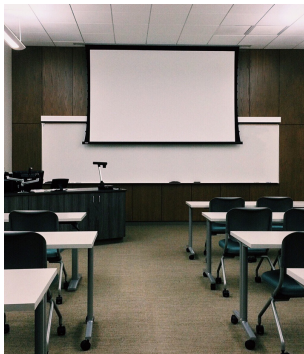
## Why choose us?

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Sizes

Experienced  
Teachers

Safe  
Environment

Supportive  
Peers



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for students of all backgrounds and  
abilities. Come visit us to learn more!