



QA SOFTWARE TESTING COURSE

Becoming a Software Tester Analyst requires specific knowledge and skills.

BTT College offers hands-on, instructor-led QA Software Testing training that will give the necessary knowledge and skills require to become a Software Tester Analyst.

COURSE DESCRIPTION:

Students will learn both manual and automated software testing. A certified, experienced instructor will provide detailed, step-by-step testing instructions regarding every development phase of the software development life cycle (SDLC).

This course will also prepare students for the ISTQB Certification exam. Over 90% of our students pass their ISTQB exam.

ADMISSION REQUIREMENTS:

- Basic computer skills and knowledge

COURSE TOPICS:

Fundamentals of Software Testing

- What is Software Testing?
- Why is testing necessary?
- Testing and Software Development Lifecycle
- The mind of a Software Tester
- Principles of Software Testing

Test Design Techniques

- Agile and Software Testing
- Test Designs – Static analysis, black-box, white-box, Equivalence Partitioning, Boundary Value Analysis, Decision Tables, State Transition, Use case
- Test Cycles – Unit, Functional System, System Integration, Performance, User Acceptance Testing, Regression, Smoke, Exploratory Testing

Test Execution & Management

- Test Deliverables: Test Strategy, Test Plan, Test cases, Requirements Traceability, Test Data, Test Scripts, Defect Report, Test Report
- Test Progress Communication
- Risk Management
- Change Control Management
- Test Management System – JIRA, HP Quality Center (ALM), Rational Clear Quest

Defect Management

- What is a defect?
- Defect Classification and Priority
- Defect Lifecycle
- Defect Management System – JIRA Agile

Web & Mobile Testing

- Web and Browser Compatibility Test
- Client and Server Architecture
- Web Service, REST and SOAP
- Mobile App Testing, Emulators and Real device
- Work Emulators, SOAP UI

SQL & Database Testing

- Basic SQL
- SQL Functions
- Database Testing
- Work with – Oracle 11g, SQL Server 2014

Automation Testing - Selenium

- Introduction to Automation Testing
- Design and development of test scripts
- Scripting with Selenium, WebDriver

- Introduction to Java, Eclipse IDE
- Automation Project

Automation Testing – QuickTest Professional

- Scripting with QuickTest Professional
- Parameters & Data Driven scripting
- Checkpoints, Object Spy, Repository Grooming
- Conditional Loop
- Regular Expression scripting
- Automation Project

Introduction to Performance Testing

- Importance of Performance Testing
- Load, Stress and Endurance testing
- Testing with LoadRunner (VuGen, Controller, & Analyzer)
- Testing with LoadUI & JMeter
- Work – Load UI, LoadRunner

Prep for ISTQB Exams

- Study ISTQB curriculum – Foundations of Software Testing
- Study exam questions and answers
- Mock Exam

Career Workshop

- QA Resume and Cover Letter
- Interview skills and phone etiquette
- Mock QA Interview
- Job Search
- QA Career path in a workplace
- Salary Negotiation

Benefit of BTT College

- 100% Job Assistance
- Instructor-led classes, hands-on
- Real software to test on: E-commerce Software

DURATION:

- 30 Hours

SCHEDULE:

- For scheduling details, please visit: http://www.bttcollege.com/schedules/it_schedule.pdf

CONTACT INFORMATION:

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REGISTRATION:

- Contact us for registration
- Download registration form visit: www.bttcollege.com/registration.pdf