



SOFTWARE TESTING LEARNING JOURNEYS

**Learning and certification
paths for agile testers, mobile
testers, test automation
engineers, non-functional test
engineers, and test managers**

For more information or to schedule a personal consultation:

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UNLOCK YOUR FULL POTENTIAL WITH LEARNING JOURNEYS

For more than thirty years, Coveros companies have helped thousands of organizations reach their goals of producing high-value and high-quality software. We want to be a trusted adviser for your team and your enterprise with our hands-on coaching and consulting, our immersive learning experiences, and our innovative custom solutions.

We developed learning journeys to present a series of courses that can move an enterprise, organization, team and/or individuals from their current state to a new, more skilled state and thus, accelerate delivery. Using hands-on learning, these curricula develop both process knowledge and technical skills to impart best practices for the software development industry.

If you have any questions about our learning journeys or would like to speak to one of our professionals about creating a custom curriculum for you or your teams, schedule an appointment with one of our Learning and Coaching Advocates by calling 929.777.8102.



LEARNING JOURNEY

Foundational Learning

START HERE

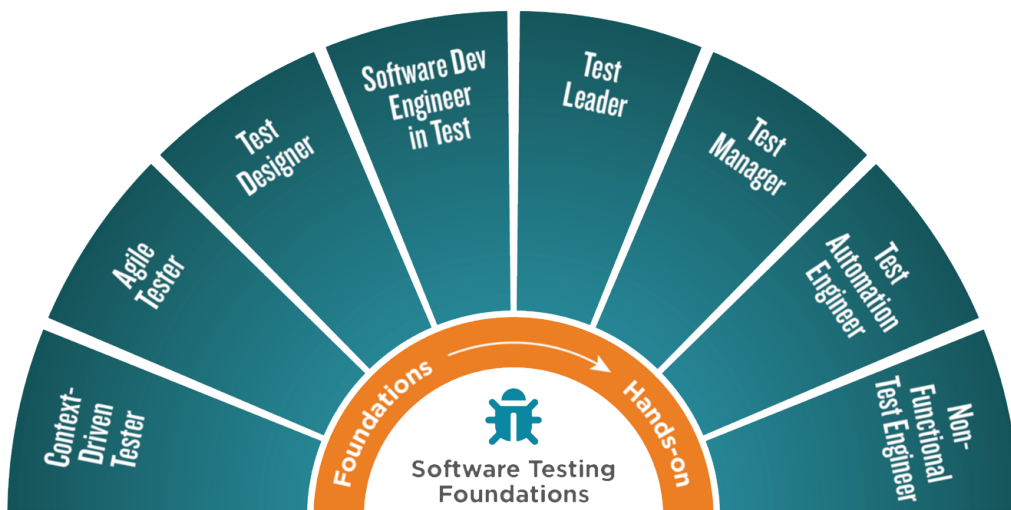
Software Testing Foundations

Find out what it takes to be a successful software tester and gain practical knowledge you can apply now.

Our foundational software testing courses provide a framework for all activities for successful testing. Techniques are practiced with hands-on exercises. We offer both certification and non-certification courses, depending on need and interest.

Key concepts that will be introduced and discussed include:

- Common test design techniques including black-box testing, white-box testing, and experienced-based testing.
- Test management, test organization, test planning and estimation, configuration management, risk-based testing, defect management, and more.
- Tool support for testing including tool selection, benefits, risks, and classifications.



Software Testing Curriculum Overview



LEARNING JOURNEY

Agile Tester

- **Agile Tester Certification**

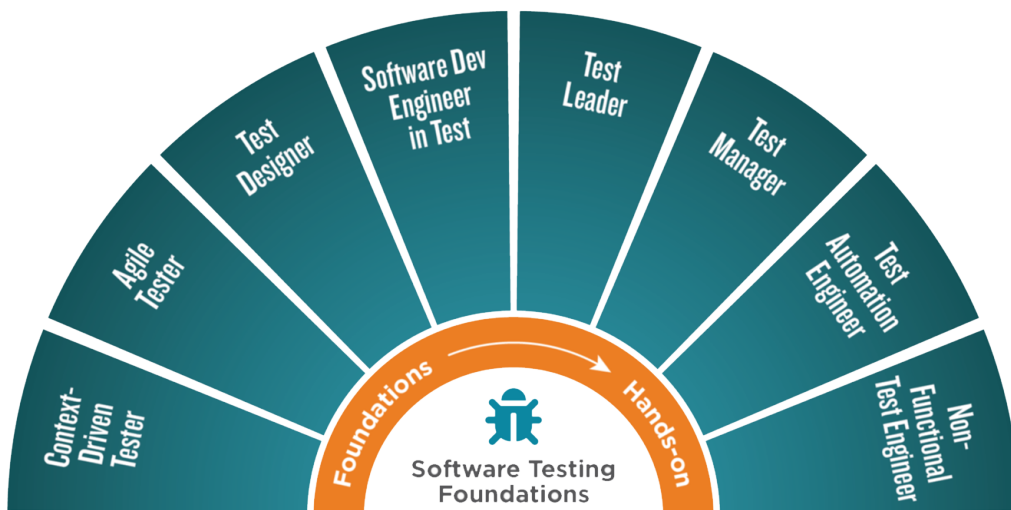
Learn the role of the tester in an agile team and explore agile testing processes in an interactive workshop.

- **Agile Test Automation—ICAgile**

Explore the many ways automation supports agile testing in this course with real-world, vendor-neutral examples of agile test automation approaches and tools.

- **Implementing BDD and TDD**

Providing practical experience with the techniques of Behavior-Driven Development (BDD) and Test-Driven Development (TDD), this hands-on course covers business and team effects, participant roles, difficulties and traps, and more.



Software Testing Curriculum Overview



LEARNING JOURNEY

Mobile Tester

- **Mobile Application Testing**

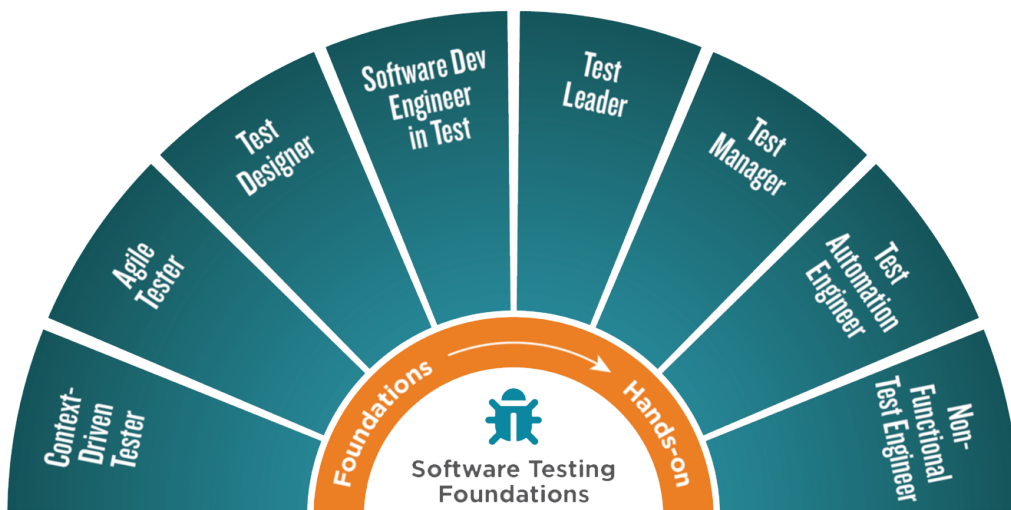
This hands-on course covers usability across multiple platforms and resolutions, network and security testing, mobile UI automation, performance testing, and more.

- **Mobile Test Automation Workshop**

Learn to use Selenium and the Cloud to test mobile websites through hands-on activities, exercises, discussions, and demos.

- **Selenium Test Automation: From the Ground Up**

Gain the the foundational skills required to leverage Selenium in order to write meaningful automated tests and increase the speed and quality of testing in this interactive, hands-on course.



Software Testing Curriculum Overview



LEARNING JOURNEY

Test Automation Engineer

- **Fundamentals of Test Automation**

Learn to build solid test automation the right way in this hands-on course designed for professionals in development and testing roles.

- **Selenium Test Automation: From the Ground Up**

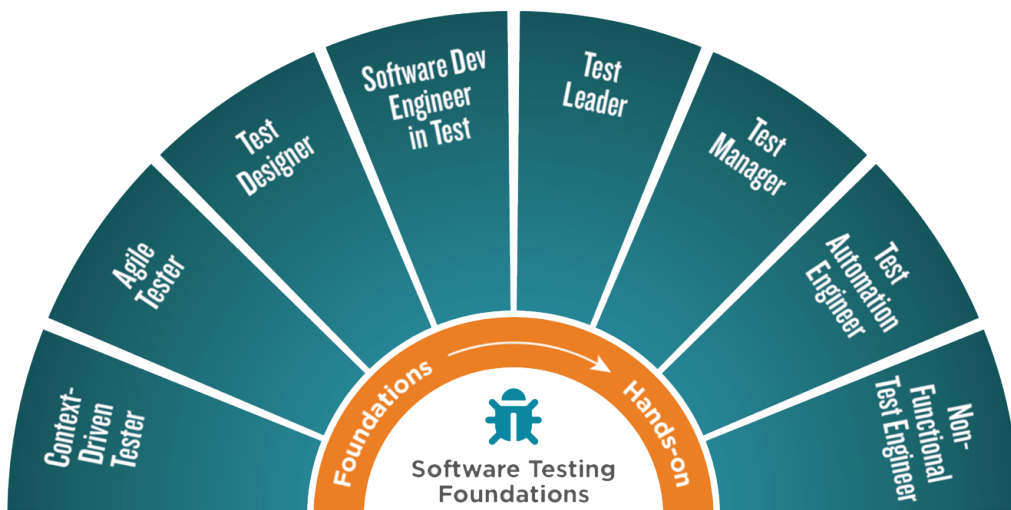
Gain the the foundational skills required to leverage Selenium in order to write meaningful automated tests and increase the speed and quality of testing in this interactive, hands-on course.

- **Planning, Architecting, and Implementing Test Automation**

Develop a custom test automation plan and architecture for your organization in this hands-on course.

- **Advanced Tester Certification—Test Automation Engineer**

The course focuses on the concepts, methods, tools, and processes for automating dynamic functional tests and the relationship of those tests to test management, configuration management, defect management, software development and quality assurance processes.



Software Testing Curriculum Overview



LEARNING JOURNEY

Non-Functional Test Engineer

- **Performance, Load, and Stress Testing**

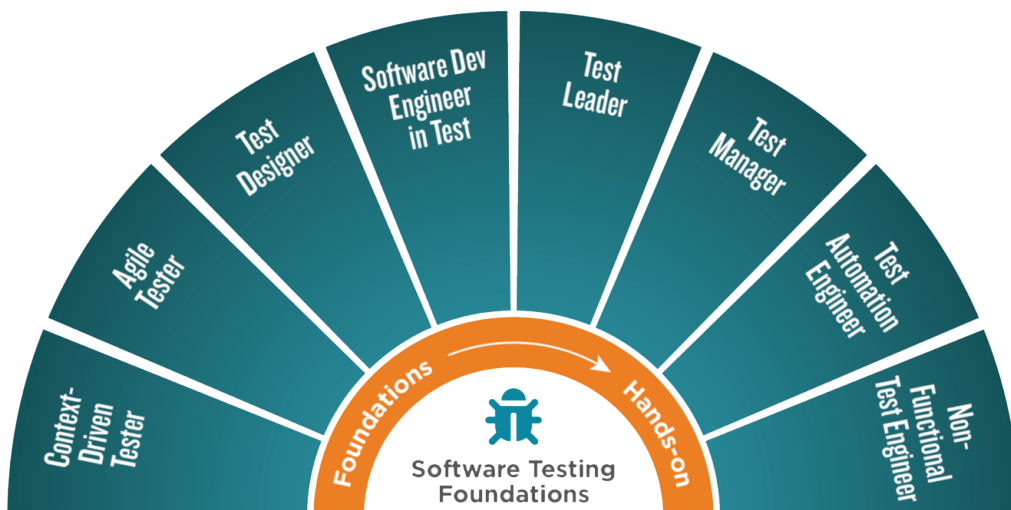
Learn to build solid test automation the right way in this hands-on course designed for professionals in development and testing roles.

- **Security Testing for Test Professionals**

Explore security testing in an interactive workshop setting. This course is appropriate for software development and testing professionals who want to begin doing security testing as part of their assurance activities.

- **Load Testing With JMeter™**

This hands-on class will have students run tests against a sample application to help solve issues that include basic test recording, dealing with SSL, parameterizing tests, and more.



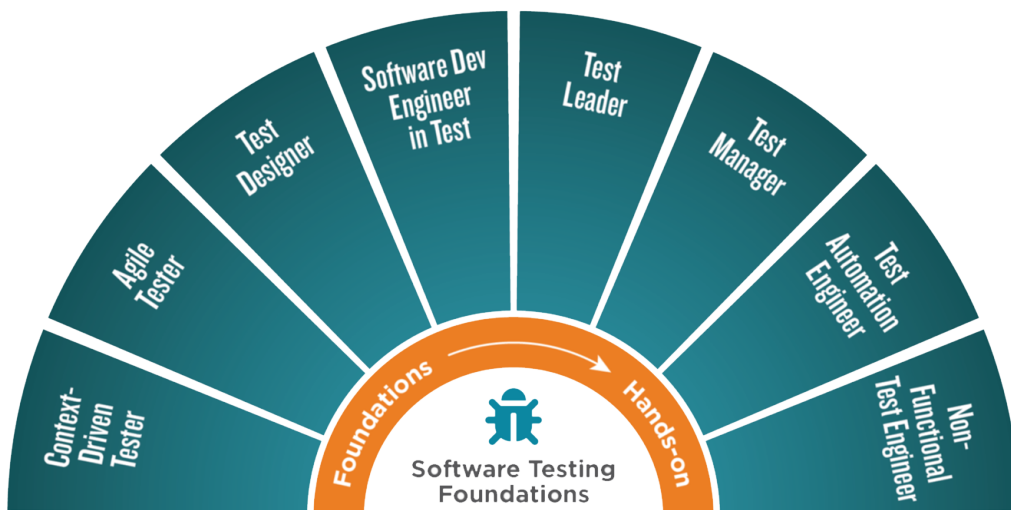
Software Testing Curriculum Overview



LEARNING JOURNEY

Test Manager

- **Essential Test Management and Planning**
Learn how to achieve a consensus on important test strategy issues such as resource allocation, risk prioritization, automation, and more.
- **Quality and Testing Measures and Metrics**
Develop a testing and quality measurement and metrics plan specifically tailored to your organization in this hands-on course that addresses common metrics—measures of product quality, defect removal efficiency, defect density, defect arrival rate, and testing status.
- **BDD for Leaders**
Explore the key concepts of Behavior-Driven Development (BDD), including business and team effects, participant roles, difficulties and traps, and more in this one-day, foundational course.
- **Advanced Tester Certification—Test Manager**
The course focuses on areas vital for successful test management: foundations of software testing, test management, standards and test improvement processes, and people skills.



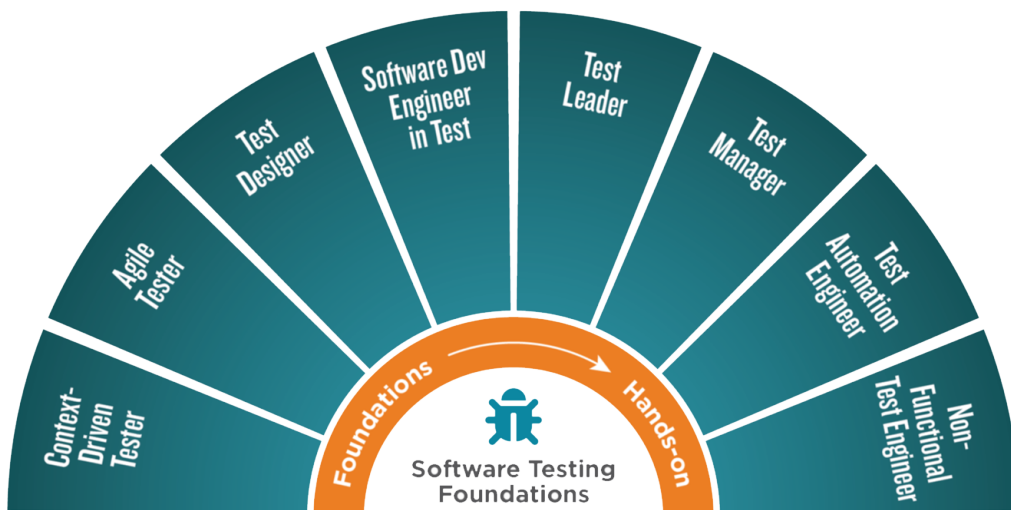
Software Testing Curriculum Overview



LEARNING JOURNEY

Continued Learning and Certification for Testing Roles

- **Software Tester Certification—Foundation Level**
Accredited training for the ISTQB® Certified Tester—Foundation Level (CTFL) certification, including the ASTQB Proficiency Distinction™.
- **ISTQB Advanced Tester Certification**
Test Manager, Test Automation Engineer, Test Analyst, Technical Test Analyst
Accredited training for the the most requested ISTQB Advanced Tester Certification tracks.
- **Agile Tester Certification**
Successful attendees earn the ICAgile Certified Professional in Agile Testing (ICP-TST) designation. This course is also accredited for the ISTQB® Foundation Level Agile Extension exam.
- **Agile Test Automation—ICAgile**
Successful attendees are awarded the ICAgile Certified Professional in Agile Test Automation (ICP-ATA).



Software Testing Curriculum Overview