

TEST AUTOMATION BOOT CAMP (ICP-ATA)

2 Days Classroom
2 Days Live Online

Individual: \$1595

Group: \$1495

GSA: \$1485

Credits: 21 PDUs

REGISTER HERE:
www.cprime.com/learning

COURSE OVERVIEW

In this test automation training course, you will learn how to improve your development throughout and reliability by replacing slow, boring, and error-prone manual testing with fast, repeatable automated tests. Organize your systems and processes to get the most out of automated testing. Improve system reliability by improving test coverage. Support deployments across many platforms with a single set of reusable tests.



Successfully completing this course makes attendees eligible for the ICAgile Certified Professional in Agile Test Automation (ICP-ATA) Certification.

COURSE OUTLINE

Part 1: Introducing Test Automation

1. Watch an Automated Test
2. Requirements
3. Testing Types
4. Application Types
5. The Alphabet Soup of Tools and Methods

Part 2: Preparing for Test Automation

1. Effective Partitioning Schemes
2. Use Cases and Test Cases
3. Behavior-Driven Languages
4. Modeling and Diagramming Techniques
5. Equivalence Partitioning and Boundary Value Analysis

Part 3: Recording Automated Tests

1. Automated Test Steps
2. Record and playback a single test

Part 4: Dissecting Automated Tests

1. Recorded Test Steps
2. UI Element Repositories

Part 5: Assembling Automated Tests from Modules

1. Test Suites, Test Cases, and Modules
2. Modular Test Development

Part 6: Coding Automated Tests

1. Code always, Code sometimes, or Code never

2. The Skills Pyramid

3. Open-source and commercial tools

Part 7: Exploiting Automated Testing

1. Test-driven development: test cases as specifications
2. Data-driven tests
3. Multi-platform and cross-browser testing

Part 8: Enabling Continuous Integration with Test Automation

1. Regression test suites
2. Development events trigger test runs
3. Configure test subsets
4. Report test results

Part 9: Course Summary

1. Quiz: Testing facts and fallacies