

**Agile Testing**

**Course Number:** AGL-134
**Duration:** 3 days

**Overview**

Accelebrate's Agile Testing training teaches students to implement the Scrum Framework, compare and contrast Scrum with other Agile methodologies, and understand the testing roles within a Scrum project.

**Prerequisites**

There are no prerequisites for this class.

**Materials**

All attendees receive comprehensive courseware.

**Software Needed on Each Student PC**

For in-person deliveries, attendees do not need computers for this course. We will provide full classroom setup instructions that will include seating in small groups, with supplies such as flipcharts, sticky notes, markers, and pens for the attendees and a projector and Internet connection for the instructor's laptop.

Online deliveries for this interactive training will use an online meeting platform (such as Zoom, WebEx, GoTo, or Teams) to have face-to-face contact online, including use of breakout rooms for group activities.

**Objectives**

* Understand Agile Development
* Learn how testing activities can be performed on a Scrum project
* Demonstrate the ability to use the Scrum framework and all its artifacts
* Emphasize incremental and continual improvement

**Outline**

* Agile and Scrum Overview
	+ The Agile Potential
	+ The Agile Manifesto
	+ Agile is NOT enough
	+ Can Scrum Fail?
	+ The BEST Agile
* Defining the Scrum Framework
	+ Roles
	+ Time-Boxes
	+ Artifacts
	+ Rules
	+ Other Keys to Success
* Traditional versus Agile Testing
	+ Definitions and Comparisons
	+ Tester Role
	+ Other Topics
* Comparing Agile/Scrum and Lean
	+ Where they Conflict
	+ Best Practice
	+ Leveraging "Best of Breed"
* Road Map
	+ Definition
	+ Deliverable
* Product BackLog
	+ Definition
	+ Prioritizing the Backlog
	+ Estimates
* Release Planning
* Sprint Planning
	+ Scrum Big Picture
	+ Sprint Planning Meeting
* Sprints
	+ Scrum Big Picture
	+ Sprint
	+ The Daily Scrum
	+ Iterative Development
	+ Tricks Developers Play
* Sprint Review
* Sprint Retrospective
* Wrap Up
	+ Scaling with Scrum
* Where to Go from Here
* Activities
	+ Product Backlog
	+ Release Planning
	+ Sprint Planning
	+ Sprint
	+ Sprint Review
	+ Sprint Retrospective
* Conclusion