

**Agile Foundations and Jira**

**Course Number:** AGL-166
**Duration:** 3 days

**Overview**

Participants in this Agile Foundations and Jira training course learn the fundamentals of Scrum and Kanban. This class emphasizes practical Agile principles and how to implement them in real-world projects using Jira®.

Our expert instructors use a variety of learning tools, including hands-on practice, participant-led instruction, videos, games, and more. This class can be customized to take one of your projects through the Agile lifecycle using Jira.

**Prerequisites**

By default, this course presumes prior exposure to Agile software development. However, we would be delighted to tailor it to any level of prior experience.

**Materials**

All attendees receive comprehensive courseware.

**Software Needed on Each Student PC**

Accelebrate can provide a remote lab environment for this class.  All attendees should have computers with Internet access and a modern web browser (ideally Chrome).

**Objectives**

* Learn what Agile is and why you should you use it
* Understand the Agile Lifecycle
* Learn what Scrum and Kanban are and when to use them
* Understand Agile roles and responsibilities
* Write and maintain practical requirements using user stories
* Manage Agile projects using Jira Software
* Manage project backlog in Jira
* Manage iterations/sprints in Jira
* Manage releases and roadmaps
* Create transparency in Jira
* Build reports and metrics
* Customize dashboards in Jira

**Outline**

* Agile Overview
	+ Overview of Agile
	+ Why Agile
	+ Agile Manifesto and Principle
	+ Workshop: Team Agile Manifesto and Principles Retrospective
	+ Agile versus Waterfall
	+ The Agile Team
	+ Roles and Responsibilities
	+ Workshop(s)
* Scrum Overview
	+ Agile Delivery Lifecycle
* Scrum vs. Kanban
	+ Agile Requirements Levels
	+ Progressive Elaboration
	+ Features, Epics, Stories, Tasks, Bugs
	+ Acceptance Criteria (BDD)
	+ Workshop: Defining User Stories
	+ Definition of Ready (DoR)
	+ Definition of Done (DoD)
	+ Estimation: Affinity Estimation
	+ Estimation: Planning Poker
	+ Prioritization Techniques
	+ Planning a Release
* Jira Primer
	+ Introduction to Jira
	+ Setting up a Real-Work Project in Jira
	+ Jira Components and Screen Navigation
	+ Tracking business value and size (effort)
	+ Understanding Jira Fields
	+ Customizing Jira Work Item Screens
	+ Customizing Jira boards
	+ Advanced: Customize workflows
* Iteration/Sprint Planning
	+ Definition of Ready
	+ Breaking down user stories into Tasks
	+ Jira Workshop – Capacity Planning
* Closing out the Iteration/Sprint
	+ Iteration/Sprint Retrospectives and Demonstrations
	+ Jira Workshop – Closing the Iteration
* Managing Release and Versions
	+ Release & Roadmap Management
	+ Managing Dependencies in Jira
	+ Creating traceability using versions in Jira
	+ Jira Workshop – Create a Roadmap
* Jira Basic Queries
	+ ‘JQL’ Filter Overview
		- Saving Filters
		- Sharing filters
		- Jira Workshop – Filters
	+ Jira Advanced Queries, Reports, and Dashboards
		- Reporting and Metrics Overview
		- Jira ‘Dashboard’ Overview
* Conclusion