

**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