

**Agile Practitioner**

**Course Number:** AGL-154  
**Duration:** 2 days

**Overview**

This Agile Practitioner training teaches attendees the core principles of Agile, Scrum, and Lean for individuals and teams.

**Prerequisites**

Students should have prior experience managing software development projects.

**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**

* Agile's principles and framework
* Scrum's roles and responsibilities
* How to use Lean principles in Scrum
* Estimation methods
* Planning strategies for release
* How to plan and review sprints
* Best practices in Agile transformations

**Outline**

* Agile Overview
  + Agile Framework
  + Agile Advantages and Potential
  + The Agile Manifesto and Principles
  + Can Agile Fail?
  + The Best Agile
* Scrum Overview
  + Roles and Responsibilities
  + How It Works
  + Artifacts
  + Rules of Scrum
  + Definition of Done
* Lean Practices
  + Lean Software Development Principles
  + Value Stream Mapping
  + Leveraging Lean Principles in Scrum
  + Lean Labs
* Product Backlog
  + Defining the Product Backlog
  + User Stories – Business Functionality
  + Prioritizing the Product Backlog
  + Product Backlog Lab
* Agile Estimation
  + Stories and Sizing
  + Relative Sizing
  + Planning Poker
  + Team Estimation Method
  + Estimation Lab
* Release Planning
  + Release Planning Preparation
  + Release Planning Meeting
  + Velocity-Driven Release Planning
  + Fixed Schedule Release Planning
  + Measuring and Monitoring Progress
  + Release Planning Lab
* Sprints
  + Sprint Planning
  + Sprint Activities
  + Sprint Review
  + Sprint Retrospective
  + Sprint Labs
* The Next Steps
  + How Do We Get Started?
  + Common Mistakes in Agile Transformations
* Conclusion