

**Course Description:** Scrum participants overwhelmingly report gains in productivity, team morale, adaptability, accountability, collaboration, communication, and productivity. Software project managers and teams attending this course will develop the ability use Agile and Scrum in real world software development projects. This course goes beyond the basic Scrum framework and into the discussions of “how” to start using Scrum now!

**Who Should Attend:** This course is for people who will lead, support, or participate in Scrum-driven projects, including project leaders, development managers, team members, and product managers.

**Prerequisites:** There are no prerequisites for this course.

**Benefits of Attendance:** Upon completion of this course, students will be able to:

- Learn, practice, and apply Scrum to software and technology projects.
- Develop insight necessary to apply Scrum to real world projects.
- Use Scrum as a tool for improving collaboration, communication, quality, and team productivity.
- Use Scrum techniques to support or replace an project management methodology.

### Course Outline:

Agile background and evolution

Principles and values behind Agile

Overview of the Scrum basics

Scrum roles

Scrum tools & techniques

Scrum processes

Scrum versus conventional project management (PMI)

The Agile lifecycle

Planning Releases and gathering backlog

Articulating requirements with user stories

Creating rough estimations of relative effort

Sprint planning and task decomposition

The Daily Scrum

Sprint Reviews and Sprint Retrospectives

The Next Sprint

Release Planning

Common challenges and next steps to real world implementation