Introduction To Agile and Scrum
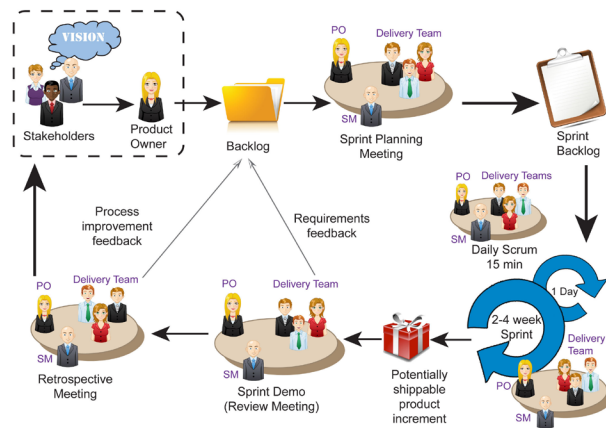
A Simulation Powered Learning® Workshop

Introduction to Agile and Scrum	1 day - 7 PDUs

Introduction to Agile and Scrum is a 1 day class on Agile and Scrum fundamentals. Participants learn the origins and science behind Agile and Scrum, and the values, principles, and practices of Agile. The training also covers the elements, flow and project planning of an Agile project. More and more organizations are seeing increased productivity, quality and team morale implementing Agile and Scrum specific methodologies for their projects. Project managers and teams attending this course will gain an excellent understanding of Agile and Scrum, and their processes and fundamental tools.

The Work:
- Product backlog
- Sprint backlog
- Work in progress
- Done

The Process:
- Sprint Planning
- Daily Scrums
- Sprint reviews
- Sprint Retrospectives

The Roles:
- ScrumMaster
- Product Owner
- Team Members

The Introduction to Agile and Scrum workshop begins by laying a foundation in best practice Scrum based Agile methodology using lecture, discussions, questions and team exercises. This foundation provides the working knowledge and terminology necessary to successfully plan and execute a team-based Agile project. Students will understand the history of Agile, the importance of "being" as well as "doing" Agile, key aspects of value-driven development, adaptive planning techniques, and the value of continuous feedback, learning, and adaptation for products, processes, and teams. Students will also gain the vocabulary to discuss the benefits of Agile and how to avoid common Agile pitfalls.
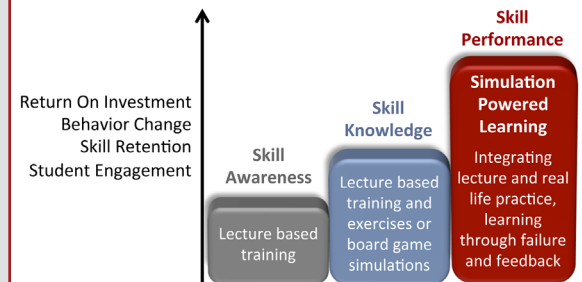
Topics You Will Practice and Learn:

- The Origins and Science behind Agile and Scrum
- The Values, Principles, Practices, of Agile
- The Scrum Team Structure, Roles, Rituals and Results
- The Elements and Flow of Scrum Building a Product Backlog with User Stories
- Estimation of User Stories
- Project Planning at all Levels of an Agile Project
- The Elements of the Sprint Execution
- Managing the Flow of Work using the Team Task Board
- Collaboration and Communication with Daily Scrums
- Tracking Progress with Burndown Charts
- Empirical Evidence of Progress and Feedback with Sprint Demos
- Inspect, Adapt and Improve with Retrospectives

Who Should Attend

This class provides a fundamental understanding of Agile and Scrum and will provide a common understanding of the terminology and flow of Agile and Scrum. It is designed for any student who wants to know more about Agile and Scrum and will prepare them to participate in Agile based projects

Turning Knowledge Into Performance

Practice makes perfect. Our simulations put participants into a computer generated situation with real-life team members, stakeholders and challenges. Participants make real-life decisions and then see the results of those decisions – good and bad. They go back to work and are able to immediately apply what they have learned!

Testimonial

"I found the class to be very informative and agreed that the methodology would be effective in our organization. The instructor is very knowledgeable in the subject." – Chamberlain College