Agile Project Management: Scrum & Kanban

Many companies use a combination of both traditional and Agile PM methods to implement requirements. Additionally, Agile is a focus area on the PMP® Certification exam. This course features Agile methodology, highlighting Scrum and Kanban. Learn the Agile process, explore roles and responsibilities of the product owner, ScrumMaster and team, develop product and sprint backlogs, and build "fun" products using the methodology. Our goal -- prepare you to enter an Agile environment and succeed.

Who Should Take This Course?

All project managers, leaders, managers and contributors who work in an environment where Agile Project Management is practiced need this class! In addition, those desiring Project Management Institute (PMI)® certifications such as Project Management Professional (PMP)® or Certified Associate in Project Management (CAPM)® will greatly benefit from knowledge learned in this course.

Course Objectives

- Describe Agile Project Management with a focus on Scrum
- Identify key roles and responsibilities associated with an Agile framework
- Define the end-to-end Agile framework
- Describe Kanban as a method to achieve project goals
- Summarize challenges in an Agile environment

Course Info

- Length: 15 hours
- Format: Classroom instruction and hands-on activities
- Prerequisite: Project Management Basics: Initiating the Project or knowledge of Agile Project Management

Course Content

Describe Agile Project Management with a focus on Scrum
- What is Agile? How does it differ from traditional project management frameworks?
- When should an Agile framework be used over a traditional Waterfall approach?
- What are the types of Agile project management frameworks used to manage projects?

Identify key roles and responsibilities associated with an Agile framework
- Summarize the Product Owner and explain key roles
- Summarize the job of the ScrumMaster: How does it differ from that of a traditional Project Manager?
- Summarize the role of the team

Define the end-to-end Agile framework
- Explain the Product Backlog
- Define User Stories
- Summarize the Sprint Backlog
- Explain the daily stand-up meeting methodology
- Explain the purpose of the Demo
- Define the retrospective and its value
- Demonstrate proficiency in Scrum

Describe Kanban as a method to achieve project goals
- Explain how Kanban differs from other Agile methodologies
- Discuss a Kanban board and how it works
- Demonstrate proficiency in Kanban

Summarize challenges in an Agile environment
- Summarize key challenges in implementing Agile
- Explain why Agile may fail to achieve objectives
- Summarize methods to "sell" Agile

Assessment /Evaluation

This course is not assigned a letter or numerical grade. However, in some cases, skill assessments may be administered during the course to gauge progress and comprehension.

Course Completion/Continuing Education Unit (CEU) Letter

If your company requires proof of course completion, or if you would like to have proof for your own records, you may request a Course Completion/Continuing Education Unit (CEU) letter **after the final session of your course**. You must attend* 80 percent of the course (calculated by number of sessions) to qualify for the letter. You can request a Course Completion/CEU letter online.

*Attendance for CEU letters and certificate programs is verified via the sign-in sheets provided at each class session. It is your responsibility to sign-in.

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The accommodations authorized on your forms should be discussed with your instructor. All discussions will remain confidential. Accommodations are not provided retroactively, so it is essential to discuss your needs at the beginning of the quarter. Additionally, only accommodations approved by Disability Support Services will be provided. This syllabus is available in alternate formats upon request. Green River College is an equal opportunity educator and employer. Learn more at **www.greenriver.edu/accessibility**.