Agile Team Enablement Workshop

Course Description

The application of Agile principles and practices on software development projects enables a project team to quickly develop working software that meets business needs. In Scrum, teams work in 2-4 week Sprints to produce production-quality software driven by business priorities using an empirical, adaptive approach. This course provides an in depth understanding of how Agile and Scrum teams deliver business value.

During this course, students will learn to apply the basic practices of any Agile approach, with a focus on Scrum. Participants will apply what you learn in a series of exercises that take you through project start-up, project/release planning, Sprint planning, and Sprint execution.

As a workshop, this course uses a combination of lecture, class discussion and hands-on exercises, with emphasis on group activities, to reinforce the concepts and principles. The workshop is designed to benefit a new Agile project team attending as a group, providing a common foundation of knowledge and experience for everyone on the team. Participants will build a Product Backlog and initial Release Plan for the project they bring to the class, giving them a firm foundation for the early Sprints.

Course Objectives

At the completion of this course, students will be able to:

- Apply key concepts and terms of Agile and Scrum to project situations
- Be able to explain the methodology's benefits and key techniques
- Experience the progression of key activities and artifacts
- Have a deep understanding of different practices that can be applied and when to apply them
- Be able to help others to understand and apply the practices and principles
- Prepare to participate in an upcoming project

Course Outline

Agile/Scrum Fundamentals

- What are agile practices and principles?
- What is "iterative and incremental" development?
- What is Scrum?
- Scrum Roles and responsibilities

Requirements

- What is a User Story?
- How to identify and write good User Stories
- Non-functional requirements
- Evolution of requirements during a project

Project Initiation

- Getting started- who, what, why and how?
- Sprint 0- before you start sprinting
- Spikes
- Team Rhythm Calendar

Estimation and Prioritization

- What is a Product Backlog?
- Creating the initial Product Backlog
- Agile Estimation Overview
- Different ways to do Agile estimation
- Prioritization: who, what, why and when?
- Definition of "Done"

Release Planning

- What is Release planning?
- How is an Agile release plan different from a traditional release plan?
- Methods for creating a release plan on an Agile project

Duration: **3 Days**

Level of Knowledge

Beginner — **Intermediate** — Advanced

Audience:

This course is intended for members of an Agile team who will actively participate in a project using this approach. People on the edges of the project (secondary customers, management staff, and participants in related processes) will also benefit.

Course Benefits:

- Become familiar with key Agile and Scrum concepts, terms, and practices
- Become prepared to participate in an upcoming Agile project
- Gain an understanding of Agile and Scrum methodology

Course at-a-Glance:

- 3 Days

Other Recommended Courses:

- Agile Team Bootcamp
- Certified ScrumMaster (CSM) course
- Agile Fundamentals

Connect with RMC:

Course Outline *(continued)*

Planning a Sprint
- What is a Sprint Backlog?
- Conducting Sprint Planning Meeting
- Developing the Sprint backlog
- Sprint tasking and estimation

Running a Sprint
- Conducting the daily Scrum
- Evolution of requirements during a Sprint
- Managing the Sprint scope
- Tracking progress; recognizing problems

Closing a Sprint
- Conducting a Sprint review
- Conducting a Sprint retrospective
- Reporting project status
- Updating the backlog; Backlog grooming
- Closing the Sprint

Managing the Product Backlog and Release Plan
- How does the Product Backlog change during a project?
- How do you control changes?
- How does the Release Plan change during a project?

Agile Software Engineering
- Application of typical Agile Software Engineering practices such as Continuous Integration, Test Driven Development and Pair Programming

Agile Testing
- Testing during the Sprint

Want to Transform How Your People Work?

Consider RMC Fellow's Certificate™ Program. Our program provides a cross-disciplinary understanding of Project Management, Business Analysis and Agile. Our approach ignites personal and professional growth by helping individuals to better understand these converging disciplines and apply broadened skills and knowledge to all types of projects.

LEARN MORE
About RMC's outcomes-based training and professional development solutions

VISIT
rmcls.com/rmcfellows for more information

INTERESTED
In RMC's Fellow's Certificate Program? Call Student Support at (952) 846-4484 or email *info@rmcls.com*

RMC develops and trains Project Managers, Business Analysts, and Agile Professionals by helping them learn the necessary skills to succeed in their careers.

Register for a RMC class and start learning!

DISCOVER MORE CLASSES HERE

RMC Learning Solutions™

10953 Bren Road East
Minnetonka, MN 55343
www.rmcls.com
Phone: 952.846.4484