First Steps Toward Agility:
Incorporating Agile Practices in a Waterfall Environment

Instructor(s): Narendra NK Shrivastava
Pre-work: None

Length: 2 days
CEUs: 1.4 / See below for PDU breakdown

Level: Advanced
Primary Topic: Project Management Business Analysis
Subtopics: Agile, Change Management, Strategic Planning and Implementation

Course Description:

Both traditional (waterfall) methodology and agile methodology have pros and cons and can be effective ways to structure a project. For teams that are not practicing agile, there are still agile practices that can benefit them. Daily standups, retrospectives, and many other key agile practices and ceremonies can benefit even a waterfall team. For many, the most arduous part of transitioning to agile in a waterfall environment happens at the beginning—in the uncertainty of how to put the initiative into motion.

In this seminar, strategies and best practices to begin incorporating agile practices are revealed. Real-world experiences working with existing project teams to begin incorporating agile practices and ceremonies are shared. By initiating practices, teams start to understand agile principles and mindset and become better prepared to take the next steps on their agile journey. Specific agile practices, and how to adapt each one to a traditional environment, are covered.

Learning Objectives:

Upon completion of this course, participants will be able to:

- Develop a strategy to introduce agile in their organizations.
- Understand the first steps to take toward becoming agile.
- Learn agile practices that can be utilized by a waterfall team.

AGENDA

Day 1

1. Getting Started
2. Benefits of Agility
3. Agile Concepts: Values, Principles and Practices
4. Agile Methodologies
5. Agile Planning & Execution
6. Summary / Q&A

Day 2

1. First Steps Toward Agility: Incorporating Agile Practices in a Waterfall Environment
2. Deep Dive for Top 10 Agile Practices
   - Maintaining a backlog
   - Progressive elaboration
   - Smaller iterations
   - Daily standups
   - Frequent reviews / demos
   - Retrospectives
   - Wireframes for UI design
   - Kanban boards
   - Limiting WIP
   - Frequent customer involvement
3. Taking First Steps
4. Agile Tools
5. Summary / Final Q&A

Professional Development Units (PDUS) are one-hour blocks of time spent learning, teaching others, or volunteering. By attending this SeminarsWorld course, you will be able to achieve the following PDUs as learning hours to apply for PMI certification or to maintain your certification status with PMI. View how your PDUs align with the PMI Talent Triangle®.

	Technical	Leadership	Strategic	Total
CAPM / PMP / PgMP	14	0	0	14.00
PMI-ACP	14	0	0	14.00
PMI-SP	0	0	0	0.00
PMI-RMP	0	0	0	0.00
PfMP	0	0	0	0.00
PMI-PBA	0	0	0	0.00