

Agile Software Development and the PMBOK[®] (3 Days)

Make Agility work with your PMBOK[®] standards!

If your organization has project management processes that are based on the Project Management Body of Knowledge (PMBOK), then any project that uses an Agile approach can be a problem. The way an Agile project operates will be significantly different, and the status that an Agile project reports just won't make sense in the organization's normal reporting structure.

If you choose to allow Agile projects to simply be different, then it defeats the reason for having standards in the first place. Additionally, Program Management will become nearly impossible because the Agile projects will not fit the mold.

The best approach is to learn how to interpret Agile practices in the context of the PMBOK. You will find that the vast majority of what an Agile project does can be easily translated into PMBOK terms. And in those few cases where Agile practices need to be adjusted, you will be equipped to collaborate with Agile advocates to ensure that the intent and benefits of both the PMBOK and Agility are maintained.

After completing this workshop, you will be able to:

- Identify the ways in which Agile practices satisfy the PMBOK
- Interpret Agile project status
- Work with Agile project teams to adapt their Agile practices as needed

Who should attend this course?

- Project Management Professionals (PMPs)
- Members of the Project Management Office (PMO)
- Members of the Program Management Office (PPMO)
- Managers of software development
- Specialists in software development processes and quality assurance

Course Outline:

Day 1

- Project Management Framework
 - Compare and contrast PMBOK and Agile
- Agile Contracting
 - Establish agreements with your customer
- Initiating: Project Charter and Scope
 - Understand Agile practices
- Initiating: Roles and Responsibilities
 - Understand Agile roles
- Planning: Communication and Quality
 - Understand Agile practices

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Agile Software Development and the PMBOK® Course Outline, continued

Day 2

- Planning: Risks
 - Understand Agile practices
- Planning: Change Management
 - Understand Agile practices
- Planning: Develop the WBS (Work Breakdown Structure)
 - Understand Agile practices
- Planning: Activity Definition
 - Understand Agile practices
- Planning: Estimating Activity Duration
 - Understand Agile practices
- Planning: Activity Sequencing
 - Understand Agile practices
- Planning: Develop Project Schedule
 - Understand Agile practices

Day 3

- Executing
 - Understand Agile practices
- Controlling: Status
 - Understand Agile practices
- Controlling: Managing Change
 - Understand Agile practices
- Controlling: Managing Expectations
 - Understand Agile practices
- Closing: Project Closure
 - Understand Agile practices
- Closing: Lessons Learned
 - Understand Agile practices