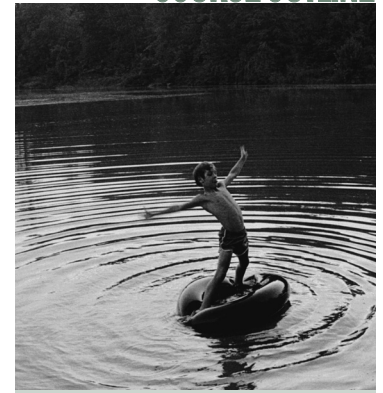


## Fast Start® in Agile Development

This course is specifically designed to provide participants with a solid understanding of what agile is, and some of the best practices surrounding an agile project. An emphasis will be placed on understanding the key agile principles and why they are important. The end-to-end agile process will be detailed and demonstrated through hands-on exercises and simulations. Participants will not only understand “why” agile works, but “how” to use it on a project, including release planning, iteration planning, daily stand-up meetings, user stories, and project management.



**DURATION:**  
Traditional - 3 days.  
Virtual - 24 hours.

**CAPACITY:** 20 people.

**WHO SHOULD ATTEND:** Teams looking to transition to an agile process.

**PREREQUISITES:** None.

**PDUs:** 21 credits.

### FEATURES

- Our facilitators bring real-world experience to every workshop.
- Participants will be led, not lectured, through a combination of presentations and hands-on exercises.
- Our workshops provide an experiential environment where participants can take risks and make adjustments based on their results before approaching large projects.

### DISCOVER HOW TO

- Understand the principles that drive a successful agile process.
- Comprehend the agile process and roles.
- Apply generally accepted agile practices.
- Understand proper expectations of agile.
- Apply agile estimation and planning practices.
- Work together as a team to deliver the highest value in the shortest period of time while maintaining high quality standards.

## OUTLINE SUMMARY

### **Introduction**

- What is agile?
- What do we want to learn during the course?

### **Why Agile?**

- Benefits of Agile
- The business case for agile
- Agile development methodologies

### **Agile Principles**

- The Agile Manifesto
- Principle #1: Eliminate waste
- Principle #2: Build quality
- Principle #3: Deliver fast
- Principle #4: Improve the whole
- Principle #5: Defer commitment
- Principle #6: Respect people
- Principle #7: Create knowledge
- Developing a business case for Agile

### **Agile Elements**

- End-to-end agile process flow
- Agile planning meetings
- Agile reporting methods
- Understanding agile metrics

### **The Agile Team**

- Key roles in the agile process
- Differences between agile project management and the traditional project management approach
- Understanding how traditional and agile roles come together in an agile project

### **Agile Work Breakdown Structure**

- Key techniques used in agile planning
- Understanding the differences between requirements in the traditional and agile approaches
- Basic elements of agile planning: epics and user stories

### **Estimating & Sizing**

- Sizing techniques
- User stories

### **Product Backlog**

- What is product backlog?
- Techniques used to prioritize items in the backlog

### **Agile Flow**

- Steps of the agile cycle
- Potential issues that may be encountered in the agile process

### **Agile Testing**

- What is different from traditional QA?
- Commonly accepted best practices
- Different types of testing and when they occur in an agile process

### **Agile Failure Modes**

- Various reasons why agile fails
- Strategies to help deal with failure modes

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