

## Introduction to Agile and Scrum Methodologies

### Overview

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Agile project management is growing in popularity as a method for delivering value quickly. This course presents the tenets of Agile methodologies using the Scrum framework as a primary example to demonstrate the Agile approaches, their benefits, and challenges. This course may earn a Credly Badge.

### Prerequisite Comments

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To ensure your success, you will need a basic understanding of how projects are executed in the business environment, and an interest in Agile methodologies.

### Target Audience

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This course is intended for business professionals in a variety of roles who want to learn about Agile methodologies as a prelude to Agile adoption or migration, and for those who work on projects that require more flexibility and adaptability than traditional project management approaches.

### Course Objectives

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In this course, participants will identify the Agile project management principles and use the Scrum methodology of Agile to manage projects.

You will:

Identify basic concepts, core values, principles, and methodologies of Agile.

Address the myths, challenges, and benefits of Agile.

Define the Scrum methodology of Agile.

Execute sprint ceremonies using Scrum tools and techniques.

### Course Outline

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#### 1 - Getting Started with Agile

Overview of Agile

Core Values of Agile

Principles of Agile

Common Methodologies of Agile

#### 2 - Addressing the Myths, Challenges, and Benefits of Agile

Overcome the Myths and Misunderstandings of Agile

Overcome the Challenges of Agile

The Benefits of Agile

### 3 - Introducing the Scrum Methodology

Identify Roles and Responsibilities in Scrum  
Define the Sprint Ceremonies

### 4 - Executing Sprint Ceremonies

Estimate a Scrum Project  
Conduct a Sprint Planning Meeting  
Conduct a Sprint  
Conduct a Sprint Review Meeting  
Conduct a Sprint Retrospective Meeting

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