

# Agile Project Management

## Google Career Certificate



### Build your Leadership and Management expertise

- Learn new concepts from industry experts
  - Gain a foundational understanding of a subject or tool
  - Develop job-relevant skills with hands-on projects
  - Earn a career certificate from Google
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### About this course

In this course, you will explore the history, approach, and philosophy of Agile project management, including the Scrum framework. You will learn how to differentiate and blend Agile and other project management approaches. As you progress through the course, you will learn more about Scrum, exploring its pillars and values and comparing essential Scrum Team roles. You will discover how to build, manage, and refine a Product Backlog, implement Agile's value-driven delivery strategies, and define a value roadmap. You will also learn strategies to effectively organize the five important Scrum events for a Scrum Team, introduce an Agile or Scrum approach to an organization, and coach an Agile team. Finally, you will learn how to search for and land opportunities in Agile roles. Current Google project managers will continue to instruct you in how to accomplish all of these tasks, describing the right tools and resources for the job at hand.

Learners who complete this program should be equipped to apply for introductory-level jobs as project managers. No previous experience is necessary.

## **By the end of this course, you will be able to**

- Explain the Agile project management approach and philosophy, including values and principles.
- Explain the pillars of Scrum and how they support Scrum values.
- Identify and compare the essential roles in a Scrum team and what makes them effective.
- Build and manage a Product Backlog and perform Backlog Refinement.
- Describe the five important Scrum events and how to set up each event for a Scrum team.
- Implement Agile's value-driven delivery strategies and define a value roadmap.
- Explain how to coach an Agile team and help them overcome challenges.

## **Course content**

### **Module 1 - The fundamentals of Agile (3 hours)**

You will learn how the course is structured and explore the history, approach, and philosophy of Agile project management and Scrum theory. You will also learn why Agile is best suited to industries that are susceptible to change and how to differentiate and blend Agile approaches.

## **Module 2 - Scrum 101 (2 hours)**

You will learn the pillars of Scrum and how they support Scrum values. You will also compare essential Scrum Team roles and examine what makes them effective.

## **Module 3 - Implementing Scrum (9 hours)**

You will learn how to build and manage a Product Backlog and develop user stories and epics. You will also explore how to set up the five important Scrum events and use tools to plan and visualize sprint workflows and progress.

## **Module 4 - Applying Agile to the organization (5 hours)**

You will learn to implement Agile's value-driven delivery strategies and how to define a value roadmap. You will learn strategies to effectively introduce an Agile or Scrum approach to an organization and coach an Agile team. You will also investigate how Agile frameworks have evolved and how to land opportunities in Agile roles.