Agile Project Management



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About this Course

This is the fifth course in the Google Project Management Certificate program. This course 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 and provide you with the hands-on approaches, tools, and resources to meet your goals.

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.

SHOW ALL



Flexible deadlines

Reset deadlines in accordance to your schedule.



Shareable Certificate

Earn a Certificate upon completion



100% online

Start instantly and learn at your own schedule.



Beginner Level



Approx. 25 hours to complete



English

Subtitles: English

Syllabus - What you will learn from this course

WEEK 1

The fundamentals of Agile

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.



4 hours to complete



11 videos , 5 readings, 4 quizzes

See Less



11 videos

Introduction to Course 5

A brief history of Agile

Distinguishing Agile from Waterfall

The four values of the Agile Manifesto

The 12 principles of the Agile Manifesto

Adopting an Agile mindset

Applying Agile in a VUCA environment

Introduction to Scrum

Introduction to Kanban, XP, and Lean

Blending project management approaches

Wrap-up



5 readings

Course 5 overview

Helpful resources to get started

Adopting an Agile mindset: The Agile Manifesto

The founding principles of Scrum

The Spotify model



4 practice exercises

Test your knowledge: The Agile approach

Test your knowledge: The Agile Manifesto

Test your knowledge: Agile frameworks

Weekly Challenge 1

WEEK 2

Scrum 101

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.



3 hours to complete



9 videos , 3 readings, 2 quizzes

See Less



9 videos

Introduction: Scrum 101

The three pillars of Scrum

The five values of Scrum

Essential Scrum roles

Traits of an effective Scrum Master

Pete: What makes an effective Scrum Master

Traits of an effective Product Owner

Traits of an effective Development Team

Wrap-up



3 readings

The Scrum Guide

Understanding Scrum Team roles

Characteristics of a great Scrum Team



2 practice exercises

Test your knowledge: Scrum roles

Weekly Challenge 2

WEEK 3

Implementing Scrum

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.



11 hours to complete



16 videos , 12 readings, 10 quizzes

See Less



16 videos

Introduction: Implementing Scrum

Building a Product Backlog

Writing user stories

Create a product backlog in Asana

Backlog refinement and effort estimation

Adding estimation in Asana

Introduction to the Sprint

Sprint planning

Create and manage Sprints in Asana

The Daily Scrum and Sprint Review

Sarah: The benefits of a Daily Standup

The Sprint Retrospective

Velocity and burndown charts

Utilizing Kanban boards

Tools for transparency and collaboration

Wrap-up

12 readings

Product Backlog: The Scrum Guide overview

The components of user stories and epics

Activity Exemplar: Create a Product Backlog

Agile effort estimation techniques

T-shirt sizes and story points

Activity Exemplar: Add estimation

The Sprint: The Scrum Guide overview

Releasable Increment versus Minimum Viable Product

Sprint Retrospectives: Pitfalls and best practices

Activity Exemplar: Recap a Sprint Retrospective

Interpreting velocity: Dos and Don'ts

Optional: Agile in a nutshell

9 practice exercises

Test your knowledge: The Product Backlog

Activity: Create a Product Backlog

Activity: Create a Product Backlog in Asana

Activity: Add estimation

Activity: Adding estimation in Asana

Test your knowledge: The Sprint

Activity: Create and manage Sprints in Asana

Activity: Recap a Sprint Retrospective

Weekly Challenge 3

WEEK 4

Applying Agile in the organization

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.



8 hours to complete



14 videos , 12 readings, 8 quizzes

See Less



14 videos

Introduction: Applying Agile in the organization

Maximizing value-driven delivery

Camron: How Agile can drive value

Components of a value roadmap

Creating an effective value roadmap

Facilitating organizational change

Coaching an Agile team

Agile team challenges

Common Agile coaching challenges

The evolution of Agile

Jez: My thoughts on Agile

Agile project management opportunities

Course wrap-up

Creating a job search plan



12 readings

Case study: Forming a value-driven task force

Product roadmaps: Benefits, pitfalls, and best practices

Responding to change over following a plan

Activity Exemplar: Make changes to your release plan

The influencer change framework

Coaching versus managing in Agile

The relationship between Agile and DevOps

Scaling Agile

Course 5 glossary

Getting started on Course 6

Job search project plan

Activity Exemplar: Build a job search project plan



8 practice exercises

Reflection: Delivering value

Activity: Make changes to your release plan

Test your knowledge: Agile coaching

Reflection: Coaching versus managing

Test your knowledge: Agile challenges

Test your knowledge: Frameworks for scaling Agile

Weekly Challenge 4

Activity: Build a job search project plan

4.8 ★★★

8,767 ratings • 2,108 reviews

Top Reviews

☆☆☆☆ By MP • JAN 12TH 2022

Muy buen curso, enfocado a una primera toma de contacto en la metodologia Agile. Sin embargo, tambien profundiza en algunos conceptos importantes, por lo que no se queda para nada corto de nformacion.

☆☆☆☆ By JB • OCT 28TH 2021

The lecturer is fantastic, everything was clear, concise and easy to take notes on. It felt like a lot of details are condensed very well to make this a very informative and knowledge-building course.

☆☆☆☆ By GS • JAN 10TH 2023

The course is amazing, It is detailed and organized. I have learned a lot about Agile project management method, the instructor was clarifying the content in a very smooth way. Many thanks to Google.

☆☆☆☆ By SK • JAN 11TH 2022

My favorite course of the Certificate Program by a mile. I enjoyed learning from such a great instructor and true Google "Agilest", who provided many real-life project examples and useful tips. Kudos.

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Instructor



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