Introduction to Agile

This introductory-level course explores the methodologies and practices of Agile development and explains the key concepts and principles that form the foundation of Agile project management. This self-paced course contains vocabulary games, flashcards, interactive exercises to supplement and enhance your understanding of Agile concepts, and video segments from Agile experts to help you become a more proficient Agile practitioner.

Learning Outcomes

- Define Agile development and differentiate it from traditional Waterfall practices
- Identify the similarities and differences among several Agile methodologies
- Describe the stages of the Agile development cycle and identify the factors that promote project success
- Understand the nuances of leading and working with Agile teams
- Apply best practices from organizations that have successfully incorporated Agile methodologies into their business activities

Integrating Agile Into a Waterfall Environment

This intermediate-level course is designed to help Agile practitioners recognize and resolve many common issues that emerge when Agile concepts are introduced into Waterfall organizations. The course begins with 24 video segments from seasoned Agile trainers and practitioners who provide tips and best practices for addressing integration obstacles. The course then presents 20 short case studies that simulate the communication and interchanges that can occur as Agile and Waterfall practitioners work to resolve differences in how they see and execute tasks. As students evaluate these case studies, they'll learn to deconstruct and diagnose any underlying problems that need to be resolved, just as they would in everyday practice. While they work to decode and correct these issues, they'll begin to recognize the common pitfalls that can happen as project teams collaborate and interact.

Learning Outcomes

- Identify whether Agile concepts and methodologies could be integrated into an existing organization
- Describe tools and techniques that could assist in Agile integration
- Recognize the problems that Agile and Waterfall's collaborators contend with regularly
- Apply practical tips from experienced practitioners to correct these problems
- Recognize the advantage of "failing fast."
- Uncover impediments or obstacles that may occur when running Agile and Waterfall in parallel
- Examine several project artifacts that can be used to show progress during transitional states
- Identify the essential elements of an integration framework
- Discuss ways to temper expectations as integration takes hold

Challenges for Agile Teams

This intermediate-level course is designed to help Agile practitioners decipher and regularly solve the problems that arise in their work. The course begins with 16 video segments from seasoned Agile trainers and practitioners who provide tips and best practices for addressing Agile team challenges. The course then presents 20 short case studies that test the student's understanding of Agile practices and provide guidance for resolving common problems. The case studies are structured to simulate the conversations and interactions that happen regularly on Agile projects; seeing these disputes as narratives will help students learn to deconstruct issues and diagnose the underlying problems that need to be corrected, just as they would in their everyday work. As students decode these disputes and plan appropriate responses, they'll gain the experience to guide their teams and put them back on track to deliver value to their customers.

Learning Outcomes

- Identify the underlying issues that lead to joint problems for Agile teams
- Help team members recognize when their behaviors are inhibiting team development
- Describe ways to keep an Agile team focused on delivering value
- Uncover additional stakeholders and project participants to enhance project feedback
- Give examples of the "must have" skills that product owners should possess
- Reorganize daily stand-ups to improve their performance
- Summarize options for overcoming velocity estimation mistakes
- Outline effective rewards and acknowledgments that promote team cohesion and interaction

Credits

⚙ 1.9 IACET CEUs

⚙ 19 ATD CI Credits

⚙ 19 PMI PDUs:

    6.5 Ways of Working PDUs

    7.5 Power Skills PDUs

    5 Business Acumen PDUs

⚙ 15 HRCI Credits

Accreditations