

Agile Software Engineering - Certified SAFe® Agile Software Engineer

What skills do you need to deliver high-quality, software-centric solutions faster and more predictably? In the Agile Software Engineering course, you'll learn how modern practices including Extreme Programming (XP), Behavior-Driven Development (BDD), and Test-Driven Development (TDD) enable continuous value flow and built-in quality. This interactive, three-day course also gives you guidance and tools to work effectively in remote environments with distributed teams.

The Agile Software Engineering course will give you and your team the knowledge and tools to apply and build a test-first, technical infrastructure. You'll learn how to detail, model, design, implement, verify, and validate stories in a Scaled Agile Framework® (SAFe®) continuous delivery pipeline, and how to use automated testing. You'll also develop a foundational understanding of Lean, Agile, and DevOps principles to apply in everyday practices.

Attendees learn:

- How to apply the test-first principle to align tests and requirements
- How to detail, model, design, implement, verify, and validate stories in a SAFe® Continuous Delivery Pipeline
- Practices such as abstraction, encapsulation, and SOLID that build quality into code and design
- Foundational Lean, Agile, and DevOps principles and practices
- How to use the test infrastructure for automated testing
- How to design from context for testability

