

SAFe® Agile Software Engineering (ASE) - (EN)

Group Training

Training code	CGASAFAESE
Spoken Language	English
Language Materials	English
Dayparts	6
Price	€2.300,00 excl. VAT No extra costs.

What is SAFe® Agile Software Engineering (ASE)

SAFe Agile Software Engineering (ASE) is a three-day, workshop-based course that focuses on the software engineering profession in the context of agile practices. The course emphasizes the need for focus on “the technology” in agile transformations. Participants will learn the basic principles and best practices of Agile Software Engineering, including Extreme Programming (XP), Behavioral-Driven Development (BDD), and Test-Driven Development (TDD). The course will cover the detailing, modeling, designing, implementing, verifying, and validating of stories in a SAFe Continuous Delivery Pipeline. It will also discuss coding concepts like Abstraction, Encapsulation, and Intentional Programming, and design concepts like SOLID and Design Patterns.

This course is the official SAFe course and is delivered by certified trainers. The SAFe Agile Software Engineer (ASE) certification exam is included in the course. The cost of the exam is part of the course price. You will take this online exam at a time and place of your own choice, but within 30 days of the course. In the Scaled Agile online learning environment, you will have access to an e-learning prior to attending the course and to the digital workbook that accompanies the course. You can also use this environment to take a practice test (mock exam). If this is your first SAFe training, a one-year membership to SAFe Studio is included. Through SAFe Studio, you have access to e-learnings, videos, discussion forums, toolkits and templates. We always use the latest training materials from Scaled Agile.

Do you want to know more about this course? Download the brochure and the list of topics via this page: <https://academy.capgemini.nl/en/topic/scaled-agile-framework-safe>. There you will also find an overview of all the other SAFe courses that we offer.



Who should attend SAFe® Agile Software Engineering (ASE)

- Software Engineers: Learn how to adapt your skills and mindset in an agile environment.
- Team Leads: Understand how to guide your team through the transition to agile practices.
- Quality Assurance Professionals: Discover how testing and quality assurance integrate into agile software engineering.
- DevOps Engineers: Understand your role in the collaboration in the field of Intentional Architecture and DevOps.

Prerequisites

Participants should have a basic understanding of Agile principles and practices, and some experience in software development would be beneficial.

Objectives

At the end of the course you will be able to:

- Apply the test-first principle to align tests and requirements.
- Detail, model, design, implement, verify, and validate stories in a SAFe Continuous Delivery Pipeline.
- Use practices such as abstraction, encapsulation, and SOLID to build quality into code and design.
- Understand foundational Lean, Agile, and DevOps principles and practices.
- Use the test infrastructure for automated testing.
- Design from context for testability.

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Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

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