

# Agile Software Engineering based on SAFe training including exam voucher

## Group Netherlands

Training code	CGASAFASCE
Spoken Language	Dutch
Language Materials	English
Dayparts	6
Price	€1.800,00 excl. VAT No extra costs.

## What is Agile Software Engineering based on SAFe inclusief examen voucher

In transitions to an agile way of working, the emphasis is often on the organization, composition of teams, processes and roles and responsibilities. In doing so, "the technology" is often underexposed. But the profession of software engineer also has to change if we want to have successful agile teams.

During this three-day, workshop-based training the participants learn the basic principles and best practices that are part of the Agile Software Engineering profession. Participants will learn how best practices from the world of Extreme Programming (XP), Behavioral-Driven Development (BDD), and Test-Driven Development (TDD) contribute to high speed and high quality.

We will detail, model, design, implement, verify and validate stories in a SAFe Continuous Delivery Pipeline. In the field of coding, we will discuss Abstraction, Encapsulation and Intentional Programming. Related to designing, we will include SOLID and Design Patterns. The participants also understand how Software Engineering fits into the broader context and what their role is in the collaboration in the field of Intentional Architecture and DevOps.

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 Agile Software Engineering based on SAFe inclusief examen voucher

This training is mainly intended for software engineers, developers and testers. But also roles like scrum master and product owner benefit from the more technical aspects of the agile way of working that are

covered in this training: it greatly enhances communication with the development team!

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). Included in the course is a one-year membership of the SAFe Community Platform. This platform gives you access to videos, discussion forums, toolkits and templates. This course is based on the most recent version of SAFe.

### Prerequisites

In principle, no specific prior knowledge is needed to follow this training, but it helps to already know something about the Scaled Agile Framework (SAFe) and have a background in engineering, development or quality assurance.

### Objectives

The learning objectives are:

Define Agile Software Engineering and the underlying values, principles, and practices

Apply the Test-First principle to create alignment between tests and requirements

Create shared understanding with Behavior-Driven Development (BDD)

Communicate with Agile modeling

Design from context for testability

Build applications with code and design quality

Utilize the test infrastructure for automated testing

Collaborate on intentional architecture and emergent design

Apply Lean-Agile Principles to optimize the flow of value

Create an Agile Software Engineering plan

Exam information:

- Exam duration: 120 minutes
- % extra time for non-native speakers: 0%
- Number of exam questions: 60
- Minimum to pass out of total questions: 42
- Exam style: Multiple choice
- Open book: No

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