

Software Engineering Track - Foundation (EN)

Group Training

Training code	CGASET-FCE
Spoken Language	English
Language Materials	English
Dayparts	70
Price	€9.500,00 excl. VAT No extra costs.

What is Software Engineering Track - Foundation including exam voucher

As a software engineer you need more than just programming skills. In an actual development cycle, you need to be able to work Agile in a Scrum team. Besides that, you require knowledge on requirements, testing, web technology, security, databases, software architecture and frameworks. And of course you need communicational skills for communicating with your team and clients.

All of the mentioned subjects are addressed in this software engineering course. You become part of an actual scrum team and together you deliver a new release of your web application, every week and you present the application to your client. During this entire process you're coached on both your technical skills as well as your personal skills. You learn to work with Java, the Spring Boot framework, SQL databases, HTML/CSS/JavaScript, Docker and Kubernetes. Besides that, you learn testing with JUnit and you learn to share and review each others' code with Git.

This training is blended. You acquire the theory with 2 days of self-study per week. For this you will receive 3 months access to the full Pluralsight portfolio. In the other 3 days you are working on assignments and the web application.

Who should attend Software Engineering Track - Foundation including exam voucher

This software engineering course is suitable for you if you're at the beginning of your career or if you're looking to make a career switch. It also provides interesting new insights for seasoned programmers. When you have just started in IT, this training will help you lay a good foundation in the Java programming language. You work together in a professional Scrum team to build a complete web application in HTML5 /

CSS3 / JQuery with the Spring Boot framework and connected to a database (H2 / MySQL). You learn not only to use these techniques, but also how to make a valuable contribution to a team.

The software engineering track also offers sufficient challenges and learning moments for the already experienced IT specialist. You can take a senior software engineering role in the team, showing that you have an eye for software quality of yourself and others.

Prerequisites

There are no prerequisites for this training.

Objectives

The purpose of this training is to lay the foundation for working as a Software Engineer.

To achieve this goal, both technical and personal skills are being further developed.

After this training you will be familiar with Agile working in a Scrum team.

You have a solid foundation in the Java programming language and are prepared for the OCA exam.

Exam Information

- Exam duration (minutes): 150 mins
- % extra time for non-native speakers: 0%
- Number of exam questions: 70 questions
- Minimum to pass out of total questions: 46
- Exam style: Multiple Choice
- Open Book: No

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