

Automotive SPICE® Compact Course

Goal

For the development of complex mechatronic systems, a structured development process is required. To assure a development which delivers a high quality and coverage of requirements the Automotive manufacturers developed the Automotive SPICE® Standard and assess that suppliers follow this standard.

In this 2 day course you learn about the structure and content of Automotive SPICE. You use an assessment tool and learn to apply the norm based on a case study and examples. You learn how to identify strengths and weaknesses, how to assess and rate and which processes in the VDA scope will be rated. Based on such a rating, improvement activities can be identified and consolidated with your existing business, process and training goals.

The course is based on a „Learning by Doing“ principle, about 50% of the course is based on a case study, the use of an assessment tool, and deriving the right conclusions for improvements. This practical live experience with discussions helps you to learn about how to implement improvements in your organisation.

Content

- + Idea and motivation of Automotive SPICE®
- + Processes and structure of Automotive SPICE®
- + Rating in Automotive SPICE®
- + Case study and exercise for level 1
- + Capability Dimension (Level 2-5)
- + Case study and exercise for level 2
- + Deriving improvement ideas to fulfil the standard

Practical exercises are performed with Capability Adviser, the cloud based assessment portal of ISCN: https://www.iscn.com/capadv_r83/

Schedule

Day 1

Time	Chapter / Module
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09.00 - 09.30	Introduction
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09.30 - 10.00	Mod 01 Motivation for Automotive SPICE®
10.00 - 11.00	Mod 02 Structure of Automotive SPICE®
11.00 - 11.30	Break
11.30 - 12.30	Mod 03 Rating Guidelines
12.30 - 13.30	Lunch Break
13.30 - 15.00	Case Study (Level 1)
15.00 - 15.30	Break
15.30 - 17.00	Case Study (Level 1)

Day 2

Time	Chapter / Module
08.00 - 09.30	Mod 04 Capability Levels
09.30 - 10.00	Break
10.00 - 12.30	Case Study (Level 2)
12.30 - 13.30	Lunch Break
13.30 - 14.30	Case Study (Level 2)
14.30 - 15.00	Break
15.00 - 15.45	Mod 05 Additional ASPICE PAMs

Training Materials

The course materials are available in English. Each participant will receive the training materials as well as a certificate of attendance.

Target Group and Prerequisites

Project leaders, managers, software engineers, system engineers, quality engineers and managers, process managers and engineers. For hardware engineers there is an extra HW SPICE course. There are no specific prerequisites required, however experience in software or systems automotive development is beneficial.

Cancellation

Cancellation is not possible. You may determine a substitute or attend the course at a later date.

Examination and Certification

Attendees receive a course participation certificate which is reported to and recognised by VDA.

The EuroSPI Academy

The training is held in the EuroSPI academy in cooperation with ISCN. The company ISCN is a certified training partner of VDA-QMC and Intacs® for Automotive SPICE (<https://nqa2.iscn.com/images/PdfFiles/TP-Certificate-CCF15042021.pdf>, <http://www.intacs.info/index.php/component/weblinks/category/122-training-organisation>).

The EuroSPI Academy (<https://academy.eurospi.net>) was founded in 2021 in cooperation with the ASA (Automotive Skills Alliance) and offers an advanced online training environment with materials, templates and exercises. EuroSPI and ISCN are full partners of the ASA (<https://automotive-skills-alliance.eu/#partners>).

In cooperation with ASA WG 3.6 (IT in Automotive) and the EU project FLAMENCO this training platform will be further developed in the next years.

Join our community of knowledge.