

Module 4: Development and Assessment of safety-related Software for ISO 26262 2nd Edition Sections 6, 8, 9

Cod. ASIL4EN



Italia

**Aggiungi valore.
Ispira fiducia.**

Training language is English.

Duration

8 hours.

Objectives

The full-day course in ISO 26262 2nd Ed. Module 4 “Development and Assessment of safety-relevant Software” familiarizes participants with the necessary processes and testing activities for safety-related software development. The requirements set forth in Sections 6, 8 and 9 are examined in a structured manner based on the software development cycle and underpinned with practical examples. You will be familiar with HSI and be able to establish connections with hardware development. Module 4 is aimed particularly at those with responsibility for producing and processing hardware and software development projects as well as all users of ISO 26262. After completing this course, participants are familiar with the key connections between system development, hardware development and software requirements from the perspective of the vendor responsible for hardware supply.

Course contents

- Overview, scope and content of ISO 26262-6
- Process model and definitions with comparison to SPICE
- From concept to code and example of model based design MBD process
- Handling of hardware and software requirements
- Verification and validation of software
- Modifications
- Qualification of software components
- Partitioning and decomposition
- Software Tool qualification
- Data communications

Who should attend

Managers, safety managers, software developers, hardware developers, project leaders, quality representatives, test engineers and all who are involved in ISO 26262 projects and lifecycle primarily focusing on the development of programmable electronic safety systems and aiming to implement their developments on the basis of the recognized international standard ISO 26262 2nd Edition.

Training material

Notebook containing the slides projected during the course, in English language.

Trainers

TÜV Academy senior expert trainers

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www.tuv.it/akademie - tuv.formazione@tuv.it



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Certificates

Certificate of attendance

Functional Safety Certification Programme (FSCP)			
Title	Level	Requirements	Registration fee
Functional Safety Engineer	Level 1 - beginner	-	€ 750+VAT
Functional Safety Professional	Level 2 – intermediate	<ul style="list-style-type: none">- 6 years of industry experience in Functional Safety Technology- Evidence of participation in 2 Functional Safety projects	€1.450,00+VAT
Functional Safety Expert	Level 3 – expert	<ul style="list-style-type: none">- 10 years of industry experience in Functional Safety Technology- Evidence of a responsible position in 2 Functional Safety projects	€1.700,00+VAT

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