



Add value.
Inspire trust.

Functional Safety ISO 26262 ASIL Risk Classification

Your Training at
TÜV SÜD Akademie



Course Description

The course on functional safety consists of two modules. You will learn about the concept of functional safety and its importance with examples/scenarios. The course covers the definition of functional safety and explains how the functional safety standard helps in getting a product rolled out in the market with adequate safety. It also emphasizes various safety aspects such as product safety, system safety as well as functional safety.

It also provides more insight into the concept of risk, risk assessment and risk measurements and differentiates between reasonable and unreasonable risks. It details on hazard identification and its analysis. A case study on HARA analysis provides a real-time scenario for more clarity.

Who will benefit?

This e-learning course is specially designed for product developers, R&D professionals, control engineers, safety engineers, system integrators, EPCs, managers of engineering departments, sales representatives for safety products systems and services, sales engineers and managers, marketing specialists or anybody who wants to get their functional safety knowledge certified in the associated field of Functional Safety 26262.

Course contents

You will leave this e-learning course with the following key benefits:

- Need for functional safety
- What is functional safety? Definition and examples
- Definition of risk and risk measurements
- Introduction to Hazard Analysis and Risk Assessment

Course Agenda:

There are two modules to this e-learning course, each containing various sub-modules:

- Introduction to Functional Safety (Generic Module)
- Risk Analysis as per ISO 26262

Methodology

The e-learning course employs a variety of training tools to enhance the learning experience such as content-embedded assessment, and other interactive exercises. Easily accessible via your preferred choice of device, the course allows you to log in and learn whenever, wherever.

Certificate

The cumulative duration of the program is 120 minutes. You will be required to pass a final assessment to receive your internationally recognized e-certificate.

Sale Modes: Single License, Group License, SCORM Sale

Duration: 120 minutes

Number of Modules: 2

Number of Quizzes: 16 (including final assessment)

Learning Mode: Self-Paced (LMS)

Interactivity Level (1-4): 2-limited

Language: English