

ANSI-C in the SIMATIC World, Introduction (ST-SIMACE)

Målsetninger

This course shows you the possible applications of C scripts in the SIMATIC WinCC and SIMATIC PCS 7 automation systems and familiarizes you with the fundamentals of the C programming language in the SIMATIC environment. During the course, you will have plenty time for exercises, providing you with the opportunity of amassing significant practical experience and putting your theoretical knowledge to immediate use.

On completion of the course, you will be able to write and understand simple C scripts.

You can expand and reinforce the knowledge acquired here in the ST-SIMACA course. On completion of this course, you will be able to handle character strings in C scripts as used in automation engineering in, for example, WinCC.

For subsequent expansion and reinforcement of your knowledge, we offer the ST-SIMACA course, on completion of which your skills will include the ability to handle character strings in C scripts as used in automation engineering in, for example, WinCC.

Målgruppe

Programmers

Commissioning engineers, configuring engineers

Service personnel

Maintenance personnel

Innhold

Using basic data types

Formulating expressions

Calling fundamental input/output functions

Statements

Setting/resetting individual bits in a WORD variable - Toggling information displays

Defining and calling simple functions

Defining and using arrays

Elementary applications of pointer types

Typedefs (for WinCC-specific designators)

Global and local actions in WINCC / PCS7

Functions in a C script

Selected WinCC demo examples

Forutsetninger

SIMATIC WinCC knowledge according to ST-BWINCCS.

Type

Kurs

Varighet

5 dager

Språk

en