SIEMENS

TIA Portal Openness Programming 1 (DI-OPEN1)

Kort beskrivning

TIA Portal Openness is the API or programming interface provided with the TIA Portal, with which you can efficiently automate engineering tasks without using the TIA Portal itself. This includes tasks such as project management, configuration and parameterization of hardware, automatic generation of block code as well as various online functions. During the training, you will create, commission and test your own simple Openness applications. The course will introduce you to the programming language C# in combination to TIA Portal Openness.

Beskrivning/mål

The aim of the course is to provide you with an introduction to programming with C#. You will learn the basics of the range of languages and performance of the Openness API in Visual Studio and how to use the C# programming language.
By the end of the course you will be able to:
• Program with Visual Studio and the C# programming language
• Create small applications with TIA Openness

Målgrupp

Programmers
Configuring engineers

Innehåll

Introduction to Visual Studio and the C# programming language
Control structures (branches and loops)
Introduction to the most important data types integrated in C#
Using of methods
Introduction to the structure of classes and the object-oriented programming concept of C#
Introduction to the use of interfaces with Windows forms
Introduction to TIA Portal Openness
Tools for debugging programs
Outsourcing of recurring tasks to methods

Förkunskaper

Good TIA Portal knowledge
Basic high-level programming language knowledge

Typ

Utbildning

Antal dagar

3 dagar

Språk

sv

Pris

18 600 SEK