

G562 DCS 800 CoDeSys Course

Course Description



Course Duration

The duration is 3 days.

Course Type

Interactive training in a training room. Real devices for demonstration exercises are available.

Course Goal

The DCS 800 CoDeSys course gives you technical instruction, how to program a DCS 800 based on the IEC 61131-3 platform. You will learn how to create programs, how to download and how to handle the programs together with DCS 800.

Student Profile

Technicians and engineers who plan and install DCS 800 applications

Prerequisites and Recommendations

Basic knowledge of DC-drives engineering, DCS 800 Basic course G560

Course Objectives

Upon completion of the course, the student will be able to:
Create a CoDeSys program for DCS 800,
download and test a CoDeSys program in the DCS 800

Main Topics

Introduction to the standard IEC 61131-3
Data declaration, programming rules,
Program structure
Programming languages acc. IEC 61131-3
Instruction List, Ladder Diagram, Function Block Diagram, Structured Text, Sequential Function Chart
Configuration of I/O's
Predefined software blocks; internal and external libraries, DCS 800 Library
Standard data type
Implementation of CoDeSys program in DCS 800
Practical test of the program

