

G576e- DCS800 Position Control – Internet course

Overview about function blocks used for DCS800 Position Control Application



Course Type

Internet course

Course Duration

The course duration is approximately 1 hour, depending on personal background knowledge and study pace.

Course Goal

The goal of this course is to understand how to implement a position control loop in DCS800 to realize position control applications.

The training covers the following topics:

- What means position control?
- Different kinds of position control
- How to realize a position control loop

Student Profile

This course is intended for people who have experience with DC drives.

It is also suited for people who want to get an overview about positioning opportunities.

Prerequisites

- DC Fundamentals
- DCS800 Basic Courses
- CoDeSys programming
- Experience with DCS800

Description

This course includes self-study material and self-assessment questions.

Course Objectives

Upon completion of this course, students will be able to:

- Know how to implement a positioning application into DCS800
- Know the limitations of positioning with DC drives
- Know how to modify the drive software for positioning applications

Main Topics

- What means positioning
- Positioning options with the DCS800
- Available function blocks for positioning applications
- Commissioning procedure
- Typical positioning applications