Course description

G1952e
Motion control basics - Technical concepts
Internet course

Course type
Internet course

Course Duration
The course duration is approximately 20 minutes.

Course Goal
The goal of this course is to have a deep understanding of technical concepts to be able to make the choice between different systems.

Student Profile
This course is intended for sales, technical support, field service engineers, product managers, engineering support, and OEMs.

Prerequisites
- Basic knowledge of all-compatible drives, such as ACS880
- Basic knowledge drive IEC programming
- Basic knowledge of fieldbuses
- Basic knowledge of feedback devices
- An Internet connection. The recommended browser is Microsoft Internet Explorer.

Notes
If you have no experience of working with drives, it is highly recommended to take a hands-on course in addition to this course, to be able to utilize the drive to its full potential.

Course Objectives
After this course you will be able to:
- Understand key technical concepts related to motion control
- Apply the knowledge for the purpose of choosing the best system

Main Topics
- Virtual master
- Encoder gear functions
- Dynamic limiters
- Profiling
- Control chain diagram explained
- Drive (which drive types support motion control)
- PLCopen library (AC500)