

## 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)

### Low voltage drives training

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