

COURSE DESCRIPTION

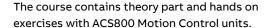
# **G710**

# **ACS800 Drive Motion Control**



## **Course Type and Description**

This is a classroom course with hands-on lab activities supported by an instructor.



This course belongs to ACS800 single drive and ACS800 multidrive with Control Section learning paths that may utilize blended learning. Please see the accompanying figure of the learning paths.



### **Course Objective**

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

- Commission and tune ACS800 Motion Control drives
- Activate and tune the features of ACS800 Motion Control drives



### **Main Topics**

- Hardware
- Options
- Software overview
- Positioning
- Teach in
- Synchronising
- Electronic gear
- Cyclic corrections
- Cam Disk
- Homing
- Tuning of the Motion Control converter
- Installation principles
- DriveWindow commissioning and maintenance tool measurements for Motion Control drive



#### **Student Profile**

**Course Duration** 

The course duration is 2 days.

This course is intended for electricians, technicians, and engineers who design, install, operate and service ACS800 Motion Control drives.



#### **Course Goal**

The goal of this course is to teach students to install, start-up, adjust, and operate ACS800 Motion Control drives.



### **Prerequisites**

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G650e or G651e and G063e

, -		, -	
08:30	Introduction of the Course	08:30	Positioning Exercise
08:45	Motion Control Introduction	10:00	Break
10:00	Break	10:15	Homing & Teach in Exercise
10:15	HW	12:00	Lunch
10:40	Options	12:45	Synchronisation Exercise
12:00	Lunch	14:00	Break
13:00	SW Overview, Positioning	14:15	Cyclic Correction & Electric Gear and Cam Disk Exercises
14:00	Break	16:00	End of the Course
14:15	Syncronising, Homing, Installation		
16:00	End of the Day		

Day 2

Day 1