

COURSE DESCRIPTION

# G331

## ACS600/DCS600 Multidrive Control Section with AC80 Startup, Maintenance and Service



### Course Type and Description

Classroom Course.

This course belongs to a learning path. Please see the accompanying figure of possible learning paths.



### Course Objective

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

- Locate and correct faults, trace input and output signals of the AC80
- Make backups and restore application programs



### Course Duration

The course duration is 2 days.



### Main Topics

- System components and functions
- Using and interpreting system documents
- AC80 software principles
- FCB (Function Chart Builder) program operation in measurement and fault tracing
- Backup and restore
- Fault tracing methods



### Student Profile

This course is intended for electricians, technicians, and engineers who maintain the Control Section of ACS600 multidrive systems.



### Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G330



### Course Goal

The goal of this course is to teach students to start-up, adjust, operate, maintain, troubleshoot and repair the Control Section of ACS600 multidrive systems.

Please refer to the accompanying figure for the course name and duration.

**Day 1**

09:00 Introduction to the AC80 Control system  
09:30 Installation of the AC80 Control system  
10:00 Coffee Break  
10:15 System Software Package of the AC80  
12:00 Lunch  
13:00 Application Program of the AC80 Control  
14:00 Coffee Break  
14:15 FCB Tool  
16:00 End of the Day

**Day 2**

08:30 Links Between the AC80 Control system and Devices  
09:00 Coffee Break  
09:15 Control of Drives  
10:00 Control Using ModuleBus  
11:00 Control Using AF100  
12:00 Lunch  
13:00 Fault Tracing Exercises  
14:00 Coffee Break  
14:15 Course Wrap-up  
15:00 End of the Course

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**Street address**

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**Low voltage drives training**

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