

## Course description

# G331A

## ACS600/DCS600 multidrive control section with APC2 startup, maintenance and service

### Course Duration

The course duration is 2 days.

### Course type

Classroom course

### 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.

### 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

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

### Description

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

### Course Objectives

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

- Locate and correct faults, trace input and output signals of the APC2
- Make backups and restore application programs

### Main Topics

- System components and functions
- Using and interpreting system documents
- APC2 (Application Program Controller) software principles
- FCB (Function Chart Builder) program operation in measurement and fault tracing
- Backup and restore
- Fault tracing methods

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## Agenda

# G331A

## ACS600/DCS600 multidrive control section with APC2 startup, maintenance and service

### Day 1

- 09:00 Introduction to the APC2 control system
- 09:30 Installation of the APC2 control system
  - HW settings of the APC2 control system
- 10:00 Coffee break
- 10:15 System software package of the APC2
  - loading exercises
- 12:00 Lunch
- 13:00 Application program of the APC2 control system
  - structure
  - Function blocks generally
  - DB elements generally
- 14:00 Coffee break
- 14:15 FCB- tool
  - editing & measuring
  - code handling
- 16:00 End of day 1

### Day 2

- 08:30 Links between the APC2 control system and Devices
- 09:00 Coffee break
- 09:15 Control of drives
  - DriveBus
  - exercise
- 10:00 Control using ModuleBus
  - Electrical link
  - exercise
- 11:00 Control using AF 100
  - Exercise
- 12:00 Lunch
- 13:00 Fault tracing exercises and/or, depending on the course participants' needs, following alternative subjects may be handled:
- 14:00 Coffee break
- 14:15 Course wrap-up
- 15:00 End of the course

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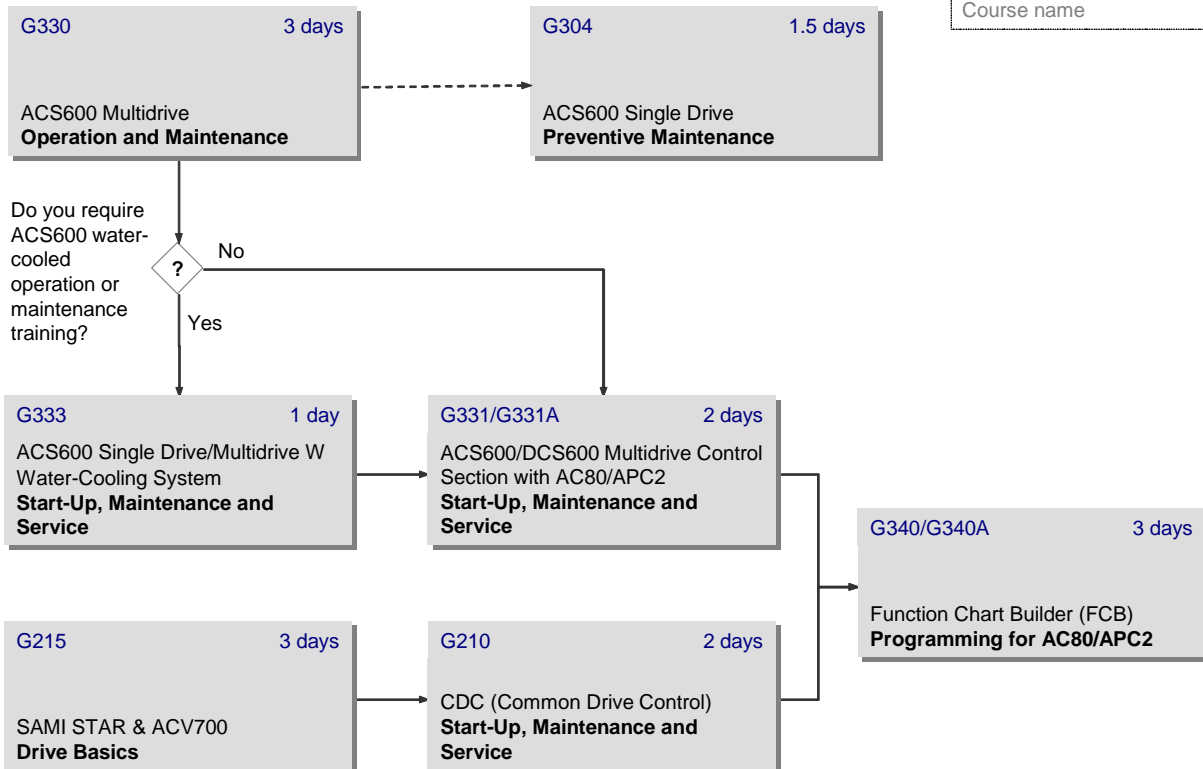
## Learning Paths

# ACS600

## Learning paths

### ACS600 Multidrive Learning Paths

Course code	Duration
Course name	



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