

## COURSE DESCRIPTION

# G390

## Single drives ACS580-01

## Maintenance, service and parameters

### Course goal

The goal is to learn main features of single drives ACS800-01; operate ACS580-01 drives. During the course students will get basic knowledge of technical maintenance and service.

### Main learning objectives

Upon completion of this course the participants will be able to:

- Basic principles of ACS580-01
- Control panel;
- Use Drive composer entry PC tool and do start-up of ACS580-01 using the tool;
- Do basic maintenance tasks on ACS580-01;
- Use Adaptive programming tool.

### Participant profile

This course is intended for electricians, technicians, designers and engineers, who operate, program and do basic maintenance to ACS580-01 drives.

### Prerequisites

Participants should have secondary specialized or higher technical education and /or experience in the electrical industry.

### Topics

- ACS580-01 Hardware and software basics;
- ACS580-01 hardware construction;
- Basic principles of ACS580-01;
- ACS580-01 control panel operation;
- ACS580-01 software features;
- Drive composer entry;
- Drive Adaptive programming tool;
- Basic maintenance tasks of ACS580-01 drives.

### Course type and methods

This is a classroom course including hands-on lab activities with ACS580-01 demo units supported by an instructor.

### Duration

The duration is 2 days (16 hours: 6 hours – theoretical part, 10 hours – practical part).

### Course map

	DAY 1	DAY 2
Topics	<ul style="list-style-type: none"> <li>• Technical characteristics;</li> <li>• Hardware construction;</li> <li>• Software features;</li> <li>• Control panel operation;</li> <li>• Troubleshooting Drive Composer software.</li> </ul>	<ul style="list-style-type: none"> <li>• Control panel Exercise;</li> <li>• Drive Composer Entry Exercise;</li> <li>• Component Location Exercise.</li> </ul>
Time	9:00 am – 6:00 pm	9:00 am – 6:00 pm

Typical course layout (time or sequence may change)