

## Course description

# G390

# ACS580-01 basics

## Course Duration

The course duration is 1 day

## Course Type and Description

The ACS580-01 basics learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: the classroom course including hands-on lab activities with ACS580-01 demo units supported by an instructor. Theory-based internet courses needs to be studied before attending to this course.

The first part of the learning event includes the theory based e-learning courses mentioned in prerequisites. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning courses completion is monitored.

## Course Goal

The goal of this course is to introduce students to ACS580-01 Drive.

## Student Profile

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

## Low voltage drives training

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## Prerequisites

- Experience in using a Windows PC
- Basic knowledge about electronics
- Basic knowledge about drives
- English language communication and understanding skills
- E-learning courses:
  - G3900e – General purpose drives, ACS580 series offering
  - G3902e – ACS580-01 software features, advantages and benefits
  - G3903e – ACS580-01 hardware features, advantages and benefits
  - G3911e – ACS580 standard control program specific features
  - G374e – All-compatible panel fundamentals
  - G375e – Drive composer entry tool fundamentals

## Course Objectives

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

- Install ACS580-01 drive
- Do start-up of ACS580-01 drive using control panel
- Use Drive composer entry PC tool and do start-up of ACS580 using the tool
- Do basic maintenance tasks on ACS580-01

## Main Topics

- Start-up of the drive
- ACS580-01 hardware construction
- Installation principles of ACS580-01
- ACS580-01 control panel operation
- ACS580-01 software features
- Drive composer entry
- Basic maintenance tasks of ACS580-01 drive

Course agenda

**G390**

**ACS580-01 basics**

### Day program

<b>09:00</b>	Course Information
<b>09:15</b>	ACS580-01 information
<b>09:30</b>	Exercises begin
<b>10:30</b>	Coffee break
<b>10:45</b>	Exercises continues
<b>12:00</b>	Lunch
<b>12:45</b>	Exercises continues
<b>14:00</b>	Coffee break
<b>14:15</b>	Exercises continues
<b>15:45</b>	Finishing up the course
<b>16:00</b>	End of the day

The course program times may be changed by instructor.