

COURSE DESCRIPTION

G3590V

ACH580-01 Basic Hands-On Course



Course Type and Description

The ACH580-01 basics learning event comprises of two parts: e-learning courses and classroom course.

This is a remote classroom course with hands-on lab activities supported remotely by an instructor. Before this course the theory based e-learning courses, listed in the prerequisites, need to be studied.

This course contains remote hands-on ACH580 exercises and remote exercise with video demonstration. This course belongs to a certificates that may utilize blended learning. The status of e-learning courses completion is monitored.



Course Objective

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

- Install ACH580-01 drive
- Do start-up of ACH580-01 drive using control panel
- Use Drive composer entry PC tool and do start-up of ACH580 using the tool
- Do basic maintenance tasks for ACH580-01
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Main Topics

- Start-up of the drive
- ACH580-01 hardware construction
- Installation principles of ACH580-01
- ACH580-01 control panel operation
- ACH580-01 software features
- Drive composer entry
- Basic maintenance tasks of ACH580-01 drive



Student equipment

At least one ACH580 democase, PC with drive composer program and USB C-mini cable are mandatory. Two students can work together on the equipment.



Course Duration

The course duration is 1 day.



Prerequisites

- Experience in using a Windows PC
- Basic knowledge about electronics
- Basic knowledge about drives
- English language communication and understanding skills
- E-learning courses:
 - G3590e - ACH580-01 series offering, Internet course
 - G3591e - ACH580-01 hardware features, Internet course
 - G3592e - ACH580-01 software features, Internet course
 - G3593e - ACH580-01 startup, Internet course
 - G616e - ACH580-01 applications, Internet course



Student Profile

This course is intended for electricians, technicians, designers and engineers, who install, operate, program and do basic maintenance to ACH580-01 drives.



Course Goal

The goal of this course is to introduce students to ACH580-01 drive.

Day Programme

09:00	Course & SW Information
09:15	Exercises
10:30	Coffee Break
10:45	Exercises
12:00	Lunch
12:45	Exercises
14:00	Coffee Break
14:15	Exercises
15:45	Finishing up the Course
16:00	End of the Day

Street address

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Low voltage drives training

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