

G380V

ACS880 operation, startup and basic maintenance virtual hands-on



Course Type and Description

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 ACS880 exercises and remote video demonstrations. This course belongs to a certificates that may utilize blended learning.



Course Goal

The goal of this course is to teach students to install, startup, adjust and operate ACS880 drives.



Course Objective

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

- Commission and tune ACS880 drives
- Operate ACS880 drives
- Do basic maintenance for ACS880-01 drives



Course Duration

The course duration is 1 day.



Main Topics

- ACS880 Hardware and software basics
- ACS880 primary control program
- Control panel functions
- ACS880 startup
- Parametrisation of the converter
- Installation principles
- Optional equipment connections
- DriveComposer commissioning and maintenance tool operations



Student Profile

This course is intended for electricians, technicians, and engineers who install, operate and service ACS880 drives.



Student equipment

At least one ACS880 democase, PC with drive composer program and USB C-mini cable are mandatory. Two students can work together time with equipment.



Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- E-learning courses G020e, G371e, G374e, G375e, G380e and G3801e.

Street address

ABB Oy
Training Center
Strömbergintie 1 Aa
00380 Helsinki, Finland

Mailing address

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Low voltage drives training

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Day 1

09:00 Course Information
09:15 Remote exercises, with remote video demonstration
10:30 Coffee break
10:45 Remote exercise, Commissioning with control panel
12:00 Lunch
12:45 Remote exercises, with remote video demonstration
14:00 Coffee break
14:15 Remote exercise, Drive Composer tool
16:00 End of the course

Exercise packages will be sent to student before the training and student can be print paper form of exercises to ensure smooth course executing

Exercise packages

Package 12: Commissioning with Control panel

Package 13: Drive Composer tool

Package 14: Installation R1-R3

Package 15: ACS880-01 Location

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