

## Course description

# G380

# ACS880 operation, startup and basic maintenance hands-on

## Course type

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

## Course Duration

The course duration is 3 day.

## Course Goal

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

## Student Profile

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

## Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- E-learning courses G020e, G371e, G374e, G375e, G380e and G3801e. Please refer to the [ACS880-01 learning program](#) for ACS880 course names and durations.

## Description

This course contains hands-on ACS880 exercises. This course belongs to a learning path that may utilize blended learning.

## Course Objectives

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

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

## 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

## Low Voltage Drives Training

ABB University Egypt, Cairo Training Center  
[www.abb.com/abbuniversity](http://www.abb.com/abbuniversity)

Power and productivity  
for a better world™

