

## COURSE DESCRIPTION

# G165

# ACS550 Startup and Basic Maintenance Hands-on



### Course Type and Description

The ACS550 standard drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Classroom course with hands-on lab activities supported by an instructor. The course contains hands-on exercises with ACS550 demo units.

The first part of the learning event includes the theory based e-learning courses mentioned below. 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 course completion is monitored.



### Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS550 drive. Some topics how to do basic troubleshooting is also covered.



### Course Objective

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

- Do installation and commission of the ACS550 drive.
- Operate and maintain the ACS550 drive.



### Main Topics

- Locating and identifying terminals
- Assistant Control Panel (ACS-CP-A) functions
- Control panel assistants
- Mechanical installation and cabling
- Commissioning and maintenance
- DriveWindow Light, commissioning and maintenance tool operations



### Course Duration

The course duration is 1 day.



### Prerequisites

Prior to attending this course, students should have

- Basic knowledge of electronics / electricity
- Experience in using PCs in the Windows environment
- Completed the Internet course ACS550 Standard Drive: Fundamentals (G165e)



### Student Profile

This course is intended for electricians, technicians and engineers, who install, operate and do basic maintenance for ACS550 drives.

### **Day Program**

09:00 Course Information  
09:15 Exercises Begin  
10:00 Break  
10:15 Exercises Continue  
12:00 Lunch  
12:45 Exercises Continue  
14:00 Break  
14:15 Exercises Continue  
16:00 End of the Day

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**Street address**

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**Low voltage drives training**

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