

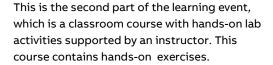
COURSE DESCRIPTION

9CSC009791 ACS880 Drive Application Builder for IEC 61131-3 (G3862), Hands-on



Course Type and Description

This programming learning event comprises of two parts: e-learning courses and classroom course.



The first part of the learning event includes the theory based e-learning courses and hands-on 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 goal of this course is to introduce students to ACS880 application programming using Drive Application Builder for IEC 61131-3.



Course Objective

Upon completion of this course, students will be

- Use Drive Application Builder programming environment
- Do basic programming on ACS880 using CFC, ST and LD languages.
- Do minor changes to existing application projects.
- Do basic debugging on projects.



Main Topics

- Programming environment of ACS880
- Project handling
- Programming on CFC language
- Programming on ST language
- Programming on LD language
- Parameters created by programmer
- Events created by programmer
- Units created by programmer
- Library handling (own libraries)
- Basic debugging



Course Duration

The course duration is 2 days.



Prerequisites

- Basic knowledge of PLC programming
- Basic knowledge of application programming
- Experience in using a Windows PC
- Course G380 and web courses 9CSC009789e Introduction to ACS880 Drive Application Builder for IEC 61131-3 programming and 9CSC009790e Advanced ACS880 Drive Application Builder for IEC 61131-3



Student Profile

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

Day 1 program

- 09:00 Course Information
- 09:15 Exercises begin
- 10:00 Break (15min)
- 10:15 Exercises continues
- 12:00 Lunch break (45min)
- 12:45 Exercises continues
- 14:00 Break (15min)
- 14:15 Exercises continues
- 16:00 End of the day

Day 2 program

- 09:00 Course Information
- 09:15 Exercises continues
- 10:00 Break (15min)
- 10:15 Exercises continues
- 12:00 Lunch break (45min)
- 12:45 Exercises continues
- 14:00 Break (15min)
- 14:15 Exercises continues
- 15:45 Finishing up the course
- 16:00 End of the course