G152A
ACS880 single drive fundamentals

Description
Classroom course with Web-based self-study material and live support from a teacher
The course contains self-study material, self-assessment questions and final exam.
The course belongs to a learning path. Please see the accompanying figure of possible learning paths.

Prerequisites
Prior to attending this course, students should have:
- Basic knowledge of electronics
- Experience in using a Windows PC

Course Objectives
Upon completion of this course, students will know:
- The basic features of the ACS800 single drive
- The basic hardware structure of the ACS800 single drive
- How to use the features of the control panel
- How to activate and use the ACS800 software
- The basics of commissioning and service operations for the ACS800 single drive

Course Duration
The course duration is 1 day.

Student Profile
This course is intended for electricians, technicians, and engineers who install, operate and service ACS800 single drives.

Course Goal
The goal of this course is to teach students the structure and features of ACS800 single drives.

Main Topics
- Hardware and software overview
- Component and board functions
- Reading and interpreting circuit diagrams
- ACS800 standard application program
- Control panel functions
- Converter commissioning
- Fine tuning of the converter
- Fault tracing methods
- Installation principles
- Optional equipment overview
- Adaptive programming
- DriveAP, adaptive programming tool operations
- DriveWindow commissioning and maintenance tool operations
AGENDA

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Day program

09:00  Self-study session via the Web (Units 1-2)
10:00  Break
10:15  Self-study session via the Web (Units 2-4)
12:00  Lunch
12:45  Self-study session via the Web (Units 4-8)
14:00  Break
14:15  Self-study session via the Web (Unit 8-12)
15:30  Course Exam via Web (Course Exam via the Web)
16:00  End of the day