

COURSE DESCRIPTION

G162

ACS800 Multidrive, Control Section with ACS800M



Course Type and Description

Classroom course with hands-on lab activities led by an instructor.

This course contains hands-on training with AC800M units.

This course belongs to a learning path that may utilize blended learning. Please see the accompanying figure of possible learning paths.



Main Topics

- System components and functions
- Using and interpreting system documents
- Application program structure and basic functional blocks
- Operation and basic use of the SW tool program in monitoring and fault tracing
- Backup and restore
- Fault tracing methods and reparation of the AC800M



Course Duration

The course duration is 2.5 days.



Prerequisites

- Basic knowledge of electronics
- Experience with using a Windows PC
- Either of the following two learning paths:
 - Course G161
 - Courses G160e and G160
- Please refer to the accompanying figure of ACS800 multidrive learning paths for course names and durations.



Student Profile

This course is intended for electricians, technicians, and engineers who maintain control sections of ACS800 multidrive systems with the AC800M.



Course Goal

The goal of this course is to teach students to start-up, operate, maintain, troubleshoot and repair the control section AC800M of ACS800 multidrive systems.



Course Objective

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

- Perform the basic start-up tasks
- Locate and correct faults, trace input and output signals of the AC800M
- Replace a faulty module
- Make backups and restore application programs
- Use AC800M SW tool programs

Day 1

12:00 Lunch
13:00 Introduction of the Course
13:15 Introduction of the SCA800M
14:00 Break
14:15 HW for the ACS800M
15:15 HW Documentation
16:00 End of the Day

Day 2

08:30 Introduction to the PC-Tool
10:00 Break
10:15 Exercises
12:00 Lunch
13:00 Exercises
14:00 Break
14:15 Exercises
16:00 End of the Day

Day 3

08:30 Links of the ACS800M and Devices
08:45 Connection to S800 I/O
09:30 Break
09:45 Exercises
12:00 Lunch
13:00 SW Construction
14:00 Break
14:15 Recap of the Course
15:00 End of the Course

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