

Description

G152

ACS800 single drive, startup and basic maintenance hands-on

Course type and description

The ACS800 single drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Course G152 is a classroom course with hands-on exercises and fault tracing with ACS800 demo units supported by an instructor.

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.

Please see the accompanying figure of possible learning paths.

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152e.

Please refer to the accompanying figure for course names and durations.

Course Duration

The course duration is 2 days.

Student Profile

This course is intended for electricians, technicians, and engineers who install, operate and do basic maintenance ACS800 single drives.

Course Goal

The goal of this course is to teach students to install, start-up, operate, maintain and troubleshoot ACS800 single drives.

The training covers the following types and constructs:

- ACS800-01
- ACS800-02 R7 or ACS800-04 R8
- ACS800-11 on request

Course Objectives

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

- Commission and tune ACS800 single drives
- Operate and maintain ACS800 single drives
- Do basic trouble shooting on ACS880 single drives

Main Topics

- ACS800 standard application program
- Control panel functions
- Control panel assistants
- Locating and identifying terminals
- Installation principles
- Converter commissioning
- Fine tuning of the converter
- Adaptive programming
- DriveAP adaptive programming tool operations
- DriveWindow commissioning and maintenance tool operations
- Introduction to trouble shooting

Low voltage drives training

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Agenda

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Day 1

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

Day 2

09:00 Exercises continues
10:00 Break (15min)
10:15 Exercises continues
12:00 Lunch (45min)
12:45 Exercises continues
14:00 Break (15min)
14:15 Trouble shooting exercises
15:45 Questions & Feedback
16:00 End of the course

Low voltage drives training

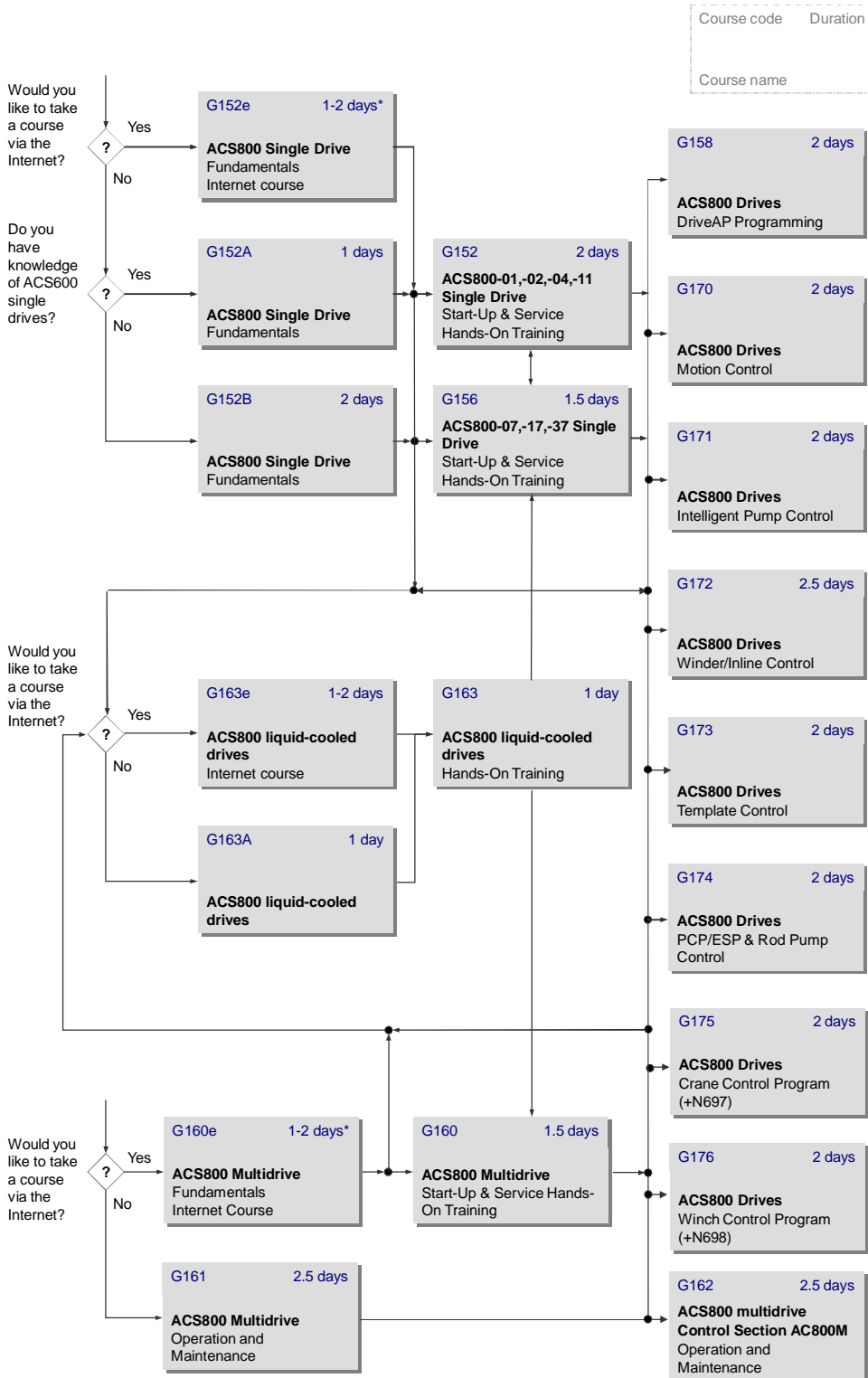
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Learning Paths

ACS800 drives Learning paths



* The duration of the Internet courses depends on personal professional background and study pace