

G152 – ACS800 Single Drive

Start-Up, Maintenance and Service Hands-On Training



Course Type

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

Course Duration

The course duration is 2 days.

Course Goal

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

The training covers the following types and constructs:

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

Student Profile

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

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152e or G152A or G152B.

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

Description

This course contains hands-on exercises and fault tracing with ACS800 units.

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

Course Objectives

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

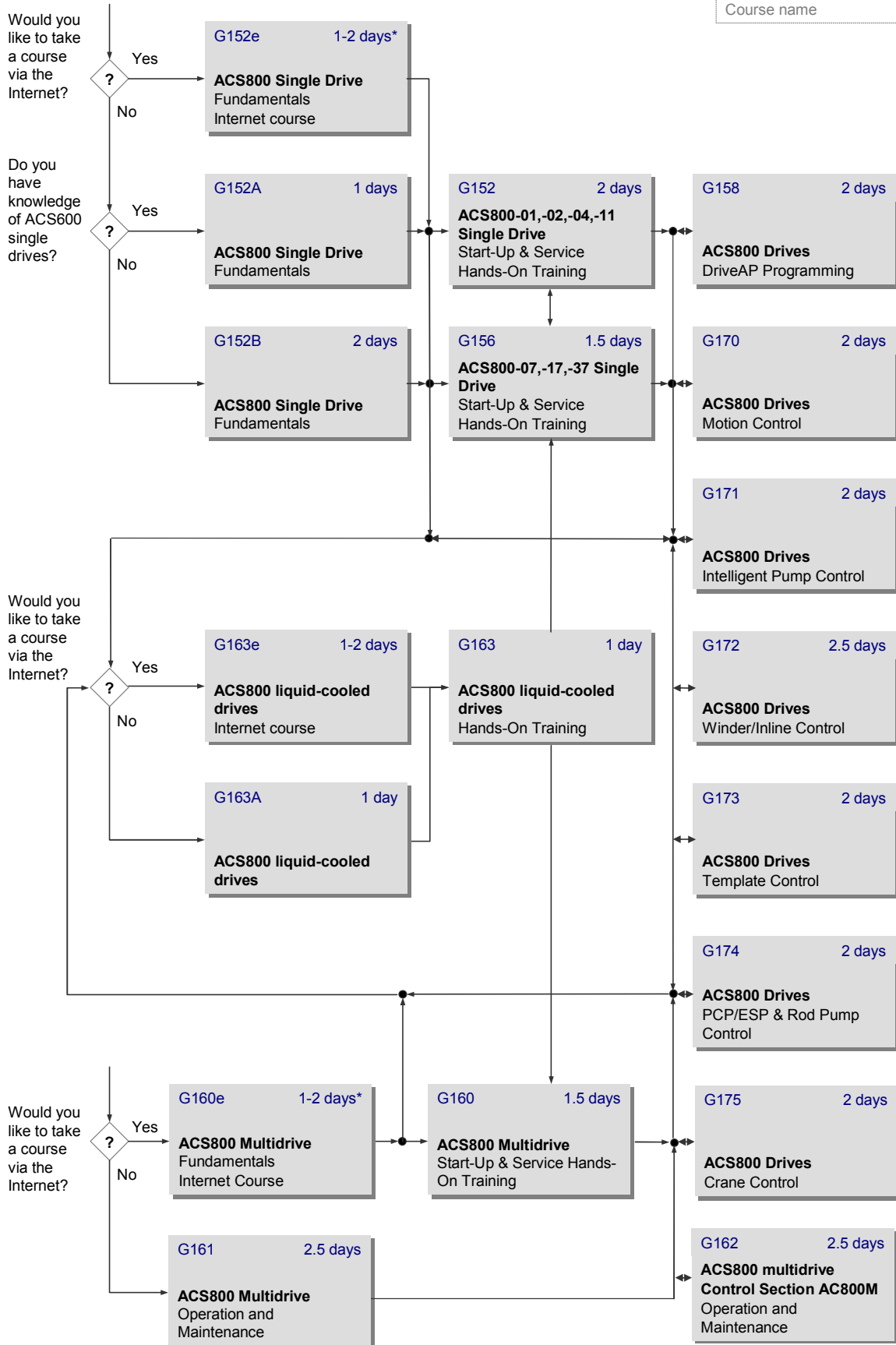
- Commission and tune ACS800 single drives
- Trace and correct faults
- Operate and maintain ACS800 single drives

Main Topics

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

ACS800 Learning Paths

Course code	Duration
Course name	



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