

G152A – ACS800 Single Drive Fundamentals



Course Type

Classroom course with Web-based self-study material and live support from a teacher

Course Duration

The course duration is 1 day.

Course Goal

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

Student Profile

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

Prerequisites

Prior to attending this course, students should have

- Fair knowledge of ACS600 single drives
- Basic knowledge of electronics
- Experience in using a Windows PC

Description

The course contains self-study material, self-assessment questions and interactive exercises in how to operate the Assistant control panel, for example.

The course belongs to a learning path. Please see the accompanying figure of possible learning paths.

Course Objectives

Upon completion of this course, students will know

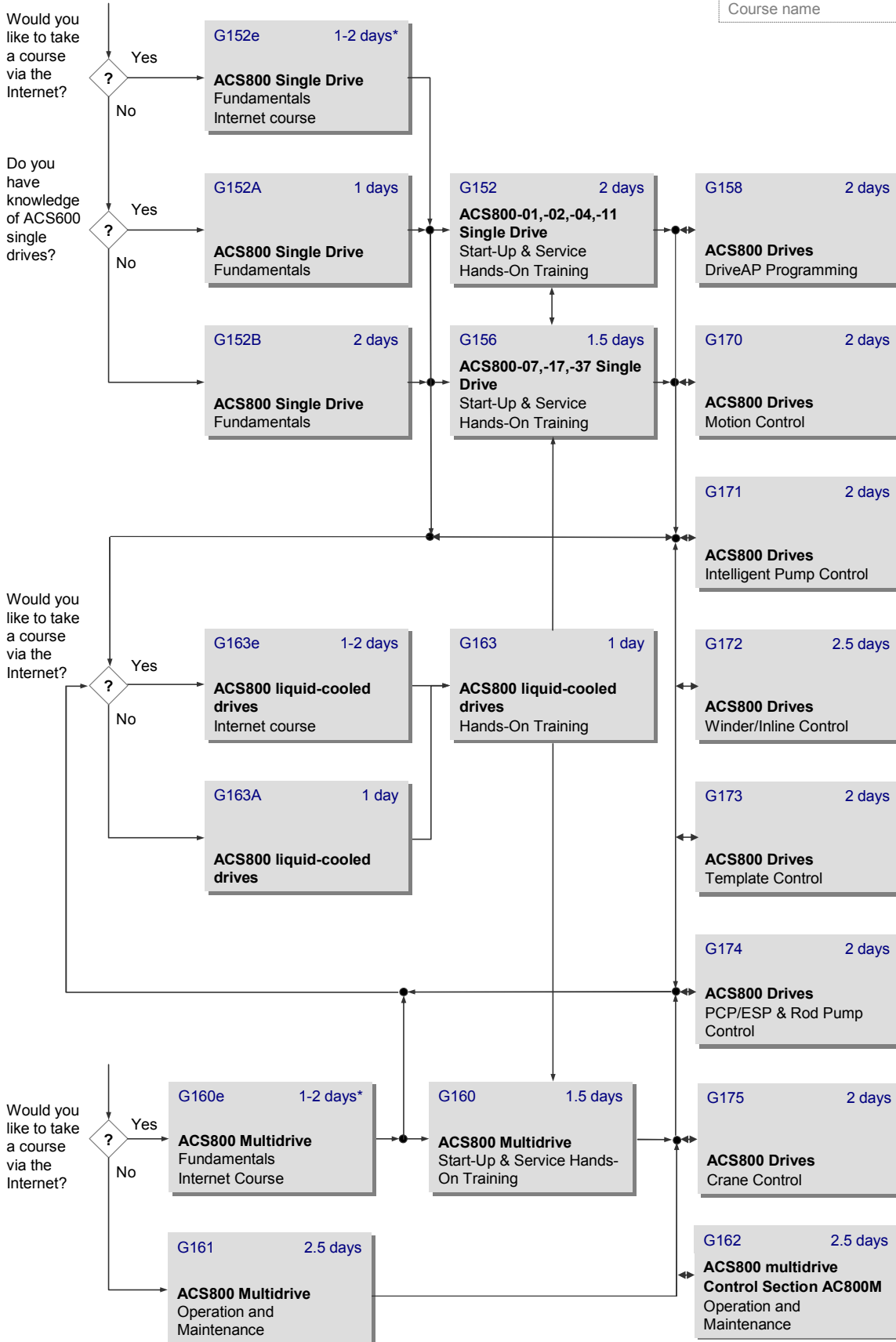
- The basic features of the ACS800 single drive
- The basic hardware structure of the ACS800 single drive
- How to use the features of the control panel
- How to activate and use the ACS800 software
- The basics of commissioning and service operations for the ACS800 single drive

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

ACS800 Learning Paths

Course code	Duration
Course name	



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