

Course description

G174

ACS800 single drive PCP/ESP and Rod pump control, operation and programming

Course Duration

The course duration is 2 days.

Course type

Classroom course

Course Goal

The goal of this course is to teach students to know basics of Artificial Lifting pump applications, program and modify the ACS800 PCP/ESP and Rod pump drive applications.

Student Profile

This course is intended for electricians, technicians, and engineers, who commission, install, operate and service ACS800 PCP/ESP and Rod pump control.

Prerequisites

- Either course G152 or G156 (or equivalent knowledge). For course names and durations, please refer to the accompanying figures of learning paths.

Description

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

Course Objectives

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

- Describe basics of the Artificial Lifting pump systems
- Program and modify different PCP/ESP and Rod pump control applications

Main Topics

- Artificial Lifting pump systems
- ACS800 PCP/ESP and Rod pump control overview
- Rod pump firmware features and benefits
- PCP/ESP firmware features and benefits
- Commissioning and Optimizing

Low voltage drives training

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Course agenda

G174

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Day 1

- 09:00 Course Information
- 09:05 Basics of the Artificial Lift Systems and ACS800 sw solutions
- 10:00 Coffee break
- 10:15 ACS 800 Rod pump sw, product overview
- 10:45 ACS 800 Rod pump sw, features and Functionality
- 12:00 Lunch
- 13:00 ACS 800 Rod pump sw, exercises
- 14:00 Coffee break
- 14:30 ACS 800 Rod pump sw, exercises continued
- 15:30 ACS 800 Rod pump sw, fault tracing
- 16:00 End of the day

Day 2

- 08:30 ACS 800 PCP/ESP sw, product overview
- 09:00 ACS 800 PCP/ESP sw, features and Functionality
- 10:00 Coffee break
- 10:15 ACS 800 PCP/ESP sw, features and Functionality
- 11:00 ACS 800 PCP/ESP sw, exercises
- 12:00 Lunch
- 13:00 ACS 800 PCP/ESP sw, exercises continued
- 14:15 Coffee break
- 14:30 ACS 800 PCP/ESP sw, fault tracing
- 15:00 Discussions & feedback
- 16:00 End of the day

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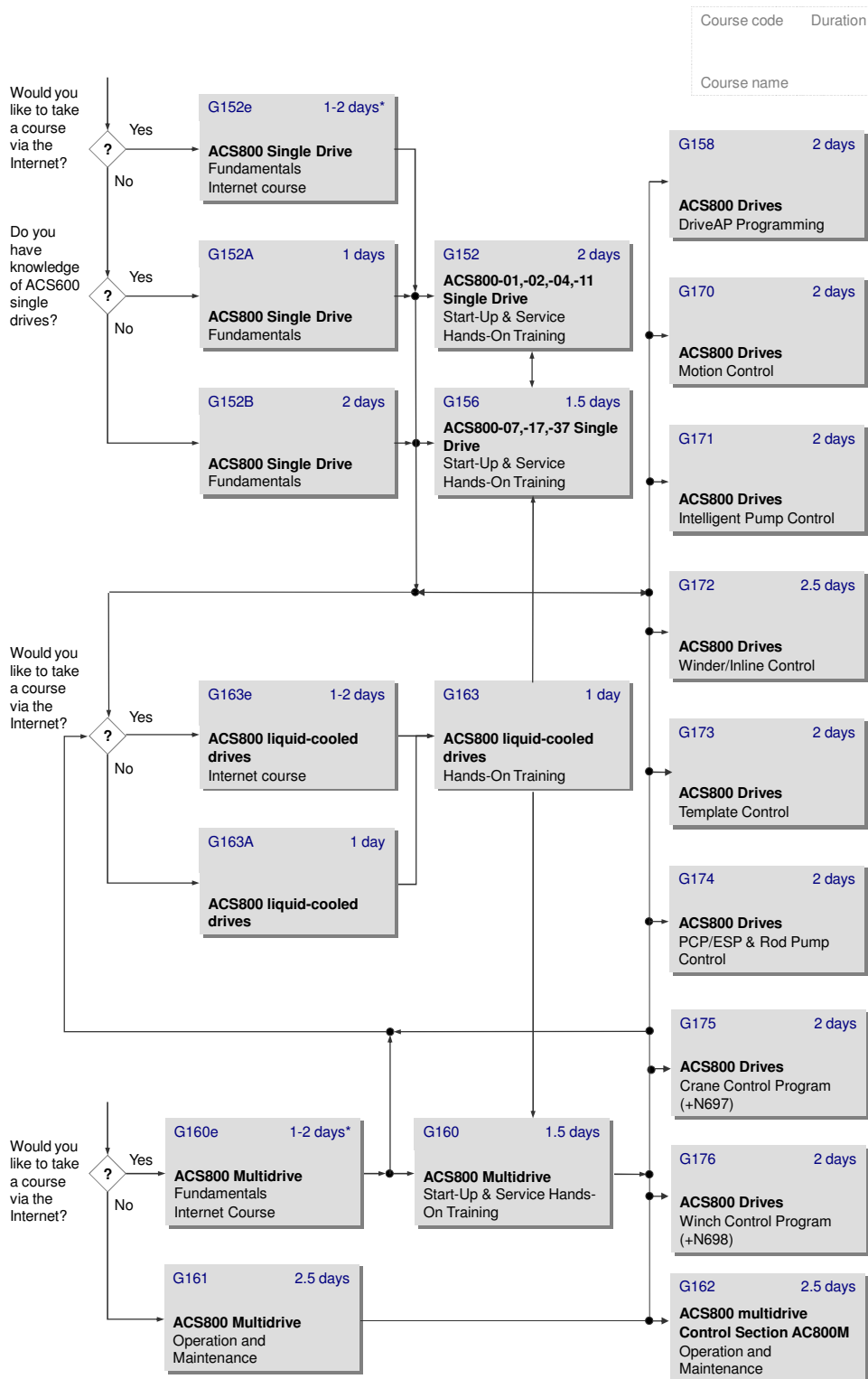
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Learning Paths

ACS800 drives Learning paths



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