

COURSE DESCRIPTION

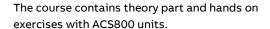
G172

ACS800 Drives, Winder/Inline Control



Course Type and Description

This is a classroom course with hands-on lab activities supported by an instructor.



This course belongs to ACS800 single drive and ACS800 multidrive with Control Section learning paths that may utilize blended learning. Please see the accompanying figure of possible learning paths.



Course Duration

The course duration is 2.5 days.



Student Profile

This course is intended for electricians, technicians, and engineers who design, install, operate and service ACS800 Winder/Inline drives.



Course Goal

The goal of this course is to teach students to start-up, adjust, and operate ACS800 Winder/Inline Control drives.



Course Objective

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

- Commission and tune ACS800 Winder/Inline drives
- Activate and tune the features of ACS800 Winder/Inline Control drives



Main Topics

- Software overview
- Tension control methods
- Dimensioning basics
- Inline application SW
- Center winder application SW
- Tuning of the Inline converter
- Tuning of the Center winder converter
- DriveWindow commissioning and maintenance tool measurements for Center winder drive
- DriveWindow commissioning and maintenance tool measurements for Inline drive

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152 or G156 or G160 or G161.
- Please refer to the accompanying figure for course names and durations.

Day 1		Day 2	
08:30	Course Introduction	08:30	Exercises
08:45	Exercises	09:30	Break
10:00	Break	09:45	Exercises
10:15	Exercises	11:30	Lunch
11:30	Lunch	12:30	Exercises
12:30	Exercises	14:00	Break
14:00	Break	14:15	Exercises
14:15	Exercises	16:00	End of the Day
16:00	End of the Day	Day 3	
		08:30	Exercises
		10:00	Break
		10:15	Exercises
		11:30	Feedback
		12:00	Lunch
		12:30	End of the Course