

Course description

G351e

ACS150 component drive fundamentals, Internet course

Course Duration

The course duration is approximately 0.5-1 days depending on personal background knowledge and study pace.

Course type

Internet course

Course Goal

The goal of this course is to teach students the basics of the installation, start-up, adjusting, operation, maintenance and trouble-shooting of the ACS150 general machinery drive.

Student Profile

This course is intended for electricians, technicians and engineers who install, operate and service ACS150 component drives.

Prerequisites

- Basic knowledge of electronics
- Experience in using a computer and Internet browser. The recommended browser is Microsoft Internet Explorer version 5.0 or later.
- An Internet connection

Description

This course includes self-study material and self-assessment questions.

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

Course Objectives

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

- Describe the functions of the ACS150 drive
- Use the Integrated Control Panel and potentiometer
- Describe the basics of installation, commissioning and service operations for the ACS150
- Describe the basic principles of fault-tracing

Main Topics

- AC Drive basics
- ACS150 Product overview
- Overview of the ACS150 features
- ACS150 application macros
- Integrated Control Panel functions
- Optional equipment overview
- Installation principles
- Start-up
- Fault tracing principles
- Basic service operations
- FlashDrop and DrivePM parameter handling tools

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