Drives

PowerFlex® 750-Series Configuration for an Integrated Architecture System
Course Description

COURSE AGENDA

IMPORTANT: Successful completion of this course requires specific Logix5000 skills. See the "Prerequisites" section of this description for more details.

- Adding a PowerFlex 750-Series Drive to a Logix Designer Project
- Locating and Modifying PowerFlex 750-Series Data Using the Logix Designer Application
- Integrating a PowerFlex 750-Series Drive with a Logix5000 Controller
- Adding PowerFlex 750-Series Faceplates to a FactoryTalk View ME Application
- Operating a PowerFlex 750-Series Drive in an Integrated Architecture System

COURSE NUMBER: CCA184

Course Purpose

Upon completion of this course, given a PowerFlex 750-Series drive (PowerFlex 753 **or** PowerFlex 755) that has been successfully started up, you will be able to integrate your drive into a system that includes:

- Logix5000 controllers
- PanelView Plus terminals running FactoryTalk View ME software

Throughout the course, you will have the chance to use a variety of hardware and software tools, including:

- The A6 LCD HIM
- Logix Designer application (formerly RSLogix 5000 software)
- FactoryTalk View ME software

After each demonstration, you will be given exercises that offer extensive hands-on practice using a PowerFlex 753 or PowerFlex 755 drive along with an Integrated Architecture workstation or equivalent hardware.

This one-day course can be taken as a stand-alone course, or it can be taken along with other courses in the PowerFlex 750-Series curriculum to further broaden skills development.

LISTEN.
THINK.
SOLVE.

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Who Should Attend

This course is intended for individuals who need to add PowerFlex 750-Series drives to an Integrated Architecture system.

Prerequisites

To successfully complete this course, the following prerequisites are required:

- Working knowledge of electricity, and knowledge of electrical and industrial safety (including PPE requirements and safe practices)

- Ability to perform basic Microsoft® Windows® tasks

- Completion of the *PowerFlex 750-Series Startup and Configuration* course (Course No. CCA182)

- Knowledge of Logix5000 system fundamentals and basic programming skills (creating a new project; adding I/O; working with tags; writing and testing ladder logic that includes bits, timers and other common instructions; uploading, downloading, and going online) through one or more of the following methods:

  - Completion of the *Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals* course (Course No. CCP146)

  - Completion of available equivalent software computer-based training, web-based training, or blended learning options

  - Experience programming basic Logix5000 control systems or above

- Previous experience with FactoryTalk View ME software is strongly suggested.

IMPORTANT: The agenda for this course **does not** provide time for in-depth review of basic Logix Designer skills. You should review basic tasks **before** attending this course.

Technology Requirements

All technology is provided for student use in the classroom by Rockwell Automation. It is not necessary for students to bring any technology with them when attending this course.

Student Materials

The following materials are provided as part of the course package:

- *Student Manual*:
  - Contains the topical outlines and exercises
  - Used to follow presentations, take notes, and work through exercises

- *PowerFlex 750-Series AC Drives Documentation Reference Guide:*
  - Searchable, electronic resource containing frequently referenced technical documentation

- *Studio5000 Logix Designer and Logix5000 Fundamentals Procedures Guide:*
  - Provides the steps required to complete basic software tasks that are common to all Logix5000 hardware platforms

Hands-On Exercises

You will have the opportunity to practice the skills you have learned through a variety of hands-on exercises:

- Exercises focus on the skills introduced in each lesson.

- Exercises use a PowerFlex 750-Series workstation along with Logix5000 and PanelView Plus hardware.

Course Length

This is a one-day course.

Course Number

The course number is CCA184.

IACET CEUs

CEUs Awarded: .7

To Register

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at http://www.rockwellautomation.com/training