



AUTOMATION | ELECTRICAL  
DATA COMM & SECURITY  
INDUSTRIAL & SAFETY  
FLUID POWER

## AUTOMATION

TUE. MAY 15 -  
WED. MAY 16  
8 AM - 5 PM

SMC SPRINGFIELD  
509 N. WASHINGTON  
SPRINGFIELD, MO 65806

# POWERFLEX® 750-SERIES

MAINTENANCE & TROUBLESHOOTING

COURSE NUMBER CCA183

## TRAINING EVENT

This is a two-day course designed for individuals who are responsible for maintaining and troubleshooting a PowerFlex 750-Series drive. This is a skill-building course that introduces concepts and techniques that will assist you in successfully maintaining and troubleshooting a PowerFlex 750-Series drive. You will learn how to recognize PowerFlex 750-Series drive hardware and properly wire the drive, as well as learn to diagnose specific faults. After the demonstration, you'll be given exercises that offer extensive hands-on practice using a PowerFlex 753 or PowerFlex 755 drive.

This course will award 1.4 IACET CEUs.



### + HANDS-ON

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises.

### COST

\$1,324  
Includes lunch  
each day

### REGISTER

To register, contact Melanie Meyer at [mmeyer@smcelectric.com](mailto:mmeyer@smcelectric.com) by Tuesday, May 8.

## 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 AC/DC Motors and Drives Fundamentals course (Course No. CCA101) or Fundamentals of AC and DC Motors and Drives Webbased training (ePass/WBT1PACK) or equivalent experience

## SCHEDULE

### Day 1

- Locating PowerFlex 750-Series Drive Hardware
- Locating and Modifying PowerFlex 750-Series Drive Data Using the A6 HIM
- Locating and Modifying PowerFlex 750-Series Drive Data Using Drive Software
- Clearing PowerFlex 750-Series Drive Alarms and Faults

### Day 2

- Performing Predictive Maintenance Using PowerFlex 750-Series Parameters
- Troubleshooting PowerFlex 750-Series Load and Environmental Faults
- Troubleshooting PowerFlex 750-Series Equipment Malfunctions
- Integrated Practice: Maintaining and Troubleshooting a PowerFlex 750-Series