

Curriculum Description

Drives & Soft Starters



Tuition Fee

Tuition is free (\$0.00) for authorized WEG distribution channel partners.

Course Goal / Description

This class provides hands-on training with the complete range of WEG variable frequency drives (VFDs) and soft start product offerings. Specific emphasis is focused on WEG Drive and Soft Start offerings. The class will give participants the fundamental understanding required to install and start-up WEG low-voltage Drives and Soft Starters.

Training Type / Duration

This is a two (2) day in-person program that features a variety of hands-on lab exercises.

Student Profile

This is for Product Specialists and Controls Professionals looking for hands-on experience setting up drives.

Prerequisites

The student completed the following online classes before attending training:

- All Basics of Electricity & Standards Classes
- All Electric Motor Essentials Classes
- All Motor Control Basics Classes
- All WEG Control & Circuit Protection Product Introduction Classes
- All WEG Drives and Soft Starter Product Introduction Classes

This is approximately ten (10) hours of online training.

Course Objectives

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

- Control and operate the WEG family of drives and soft starters
- Understand and navigate the programming hierarchy
- Perform oriented start-ups
- Use of WEG WPS software
- Identify and troubleshoot faults

Topics

- Drives (CFW320, CFW500, CFW100, & CFW900 Focused)
- Soft-starters (SSW07 & SSW900 focused)
- HMI Navigation
- Oriented start-up
- Basic parameters
- Read-only parameters
- PID control
- Fault descriptions and troubleshooting
- Using WEG WPS software
- Soft Starter and VFD Start-up Check List

What Student Needs to Bring

- An iOS or Android based Phone or tablet is helpful but not required.

Expectations After Completion of Course

- Pre-Sales Support: Upon completion of this class, participants will be equipped to support outside sales representatives. Their primary role will involve acting as technical experts in the selection, use, and application of variable speed drives and soft starters.
- Optional Post Sales Support: Upon completing this training, participants will support customers with the installation, commissioning, and application of drive and soft starter products in industrial settings.
- Training: Participants will conduct short training sessions for customers and the sales team, providing comprehensive instruction on the WEG Soft Starter and VFD product lines.

Student Materials

Upon completion of the instructor led class:

- Student manual with copies of all training materials, including student labs.