



# ROCKWELL SKILLS DEVELOPMENT COURSES

August 2020 – March 2021

Rockwell Automation instructor-led  
training brought to your local market!



[WernerElectric.com/Training-Events](http://WernerElectric.com/Training-Events)

# INSTRUCTOR-LED COURSES

## Rockwell Automation Skills Development Courses

Our training courses are taught by certified Rockwell Automation instructors — experienced experts in their fields. Our courses are tailored to meet the needs of our attendees. Many courses are approved for CEU credit in Wisconsin and Upper Michigan.

For up-to-date course availability, detailed descriptions, and registration, visit [WernerElectric.com/Training-Events](http://WernerElectric.com/Training-Events).



### **GuardLogix Application Development and Troubleshooting** SAF-LOG104

August 11–13, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Appleton | Price: \$2,174 | Credits: 2.1 CEUs  
Registration Deadline: July 24, 2020

Upon completion of this course, you will be able to create a Studio 5000 Logix Designer® project for a GuardLogix® system and troubleshoot a previously operational GuardLogix system.

### **Studio 5000 View Designer and PanelView 5500 Programming** CCV210

September 1–3, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Appleton | Price: \$2,218 | Credits: 2.1 CEUs  
Registration Deadline: August 14, 2020

After completing this course, given a computer with Studio 5000 View Designer® software and a PanelView™ 5000 series terminal, you should be able to produce an operational project running on the terminal.



### **ThinManager Configuration** SPE201-LD

September 22–23, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Appleton | Price: \$1,855 | Credits: N/A  
Registration Deadline: September 4, 2020

This course is designed to teach you how to set up and use the hardware in the demonstration kit to provide effective ThinManager integration with existing systems. While the focus is system configuration, some of the topics covered will introduce system maintenance. Along the way, you will have an opportunity to explore a number of ThinManager features.

### **FactoryTalk View SE Programming** CCV207

Sept. 28 – Oct. 2, 2020 | Monday: 12:30 – 4:30 p.m.  
Tuesday–Friday: 8:00 a.m. – 4:30 p.m.  
Location: Appleton | Price: \$2,990 | Credits: 3.2 CEUs  
Registration Deadline: September 11, 2020

Upon completion of this course, you should be able to organize and develop FactoryTalk® View Site Edition (SE) applications.

This course provides opportunities for you to work with local FactoryTalk View SE applications.

During class, you will have the opportunity to practice the skills used to create an application and build graphic displays.

After practicing these skills in a local application, you will receive a high-level overview of how a network application is created.

### **AC/DC Motors and Drives Fundamentals CCA101**

September 29–30, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Wausau | Price: \$1,855 | Credits: 1.4 CEUs  
Registration Deadline: September 11, 2020

This course is a skill-building course that provides you with a basic understanding of AC and DC motor and drive concepts and terminology. At the completion of this course, you will have the necessary fundamental knowledge and skills required to attend other Rockwell Automation AC and DC drives courses.

### **Basic Electrical Concepts EMS-100**

October 19–23, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Madison | Price: \$2,990 | Credits: N/A  
Registration Deadline: October 2, 2020

This course provides information on the basic concepts of direct current (DC) electricity and magnetism, including electrostatics, basic circuit concepts, and measurement of electrical quantities and associated numerical concepts, Ohm's Law, practical circuits, electromagnetism, and electrical measurements. There are hands-on exercises for device operation and simple circuit construction and analysis.

### **PowerFlex 750-Series Maintenance and Troubleshooting CCA183**

October 27–28, 2020 | 8:00 a.m. – 4:30 p.m.  
Location: Stevens Point | Price: \$1,855  
Credits: 1.4 CEUs | Reg. Deadline: Oct. 9, 2020

This skill-building course introduces concepts and techniques that will assist you in successfully maintaining and troubleshooting a PowerFlex® 750-Series (PowerFlex 753 or PowerFlex 755) drive. You will learn how to recognize PowerFlex 750-Series drive hardware and properly wire the drive. You will also learn to diagnose specific faults.

### **Essentials of Industrial Ethernet Networks for an OT Professional CCP182**

December 15–16, 2020 | 8:30 a.m. – 4:30 p.m.  
Location: Wausau | Price: \$1,855 | Credits: 1.4 CEUs  
Registration Deadline: November 25, 2020

In this course, you will learn how to verify communications between devices, recognize data transmission types, and differentiate between OSI Model Layer 2 and Layer 3 switching functions.

### **Functional Safety for Machinery Introduction SAF-TUV1**

January 12–14, 2021 | 8:30 a.m. – 4:30 p.m.  
Location: Appleton | Price: \$2,218 | Credits: N/A  
Registration Deadline: December 23, 2020

This is an introduction to functional safety for machinery standards and is highly recommended to prepare students for the Rockwell Automation®/ TÜV Rheinland engineer certification course.

This course will define the design and proof requirements for functional safety of machines, according to current standards and guidelines. Practical examples will demonstrate possible techniques for machine guarding and protection.

### **Safety Relays and Devices Maintenance and Troubleshooting SAF-COM101**

January 12–13, 2021 | 8:00 a.m. – 4:30 p.m.  
Location: Madison | Price: \$1,855 | Credits: 1.4 CEUs  
Registration Deadline: December 23, 2020

March 9–10, 2021 | 8:00 a.m. – 4:30 p.m.  
Location: Wausau | Price: \$1,855 | Credits: 1.4 CEUs  
Registration Deadline: February 19, 2021

This course will introduce you to monitoring safety relays and input and output devices used to configure safety systems according to industry standards for functional safety of machinery.

**IF THESE COURSES INTEREST YOU,  
YOU MAY ALSO BE INTERESTED IN:**

### **Rockwell Technical E-Learning Courses**

The shortage of skilled, trained people to fill manufacturing jobs by 2025 may reach 2 million of the projected 3.4 million manufacturing jobs needed.



Effective training methods need to be **flexible, mobile, on-demand, collaborative** and **empowering**.

### **Custom Training Courses**

Werner Electric Supply can create custom training to fit your needs either on-site or at any of our training facilities. Whether you need an introduction to new hardware, a refresher, or a combination of training topics, we will work with your team to develop a curriculum to suit your specific requirements.

Contact Technical Services at **920-815-4052**





## Werner Electric Branch Training Locations

### Appleton

4800 West Prospect Ave.  
Appleton, WI 54914

### Fond du Lac

1301 Capital Dr.  
Fond du Lac, WI 54937

### Green Bay

3055 Holmgren Way  
Green Bay, WI 54304

### Iron Mountain

1400 W. Breitung Ave.  
Kingsford, MI 49802

### Janesville

1000 N. Parker Dr.  
Janesville, WI 53545

### Madison

4428 Pflaum Rd.  
Madison, WI 53716

### Stevens Point

2728 Church St.  
Stevens Point, WI 54481

### Wausau

7900 Highland Dr.  
Wausau, WI 54401

