

## ELECTRICAL

WED. JUN. 23 &  
THUR. JUN. 24

8:00 AM - 4:00 PM

SMC SEDALIA  
1616 W. MAIN ST.  
SEDALIA, MO 65301

# SAFETY CIRCUIT WIRING COURSES

**SAVE \$50** WHEN YOU REGISTER  
FOR BOTH COURSES

Join SMC for our safety circuit wiring courses designed to teach entry level personnel key concepts of safety wiring.

Students will develop an understanding in the basic operation of modern and legacy safety relays, safety sensors, and safety outputs. Students will be learn to install, wire, commission, and troubleshoot simple single channel and dual channel safety circuits.

Through a combination of lecture and hands-on labs, product specialists will present a broad base knowledge for use in manufacturing plant facilities.

### SAFETY WIRING LEVEL 1

**Wednesday, June 23**

Understanding the basic operation of modern and legacy safety relays, safety sensors, and safety outputs.

### SAFETY WIRING LEVEL 2

**Thursday, June 24**

Understanding safety configurations, installation techniques, and commissioning practices.

#### + 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

\$500 PER COURSE,  
\$950 FOR BOTH  
PER STUDENT  
**Includes lunch**

#### REGISTER

To register, contact Ashli Anderson at [aanderson@smcelectric.com](mailto:aanderson@smcelectric.com) by Wednesday, June 16.

## **SAFETY WIRING LEVEL 1**

- Guardmaster safety relay with expansion module with immediate and delayed outputs
- Guardmaster DI safety relay with SensaGuard Integrated Latch and 100S
- Guardmaster Dual Relay Light Curtain with immediate and delayed outputs
- Guardmaster Dual Relay Light Curtain points of operation control
- Guardmaster DI/EMD Safety Relay guard locking

## **SAFETY WIRING LEVEL 2**

- Emergency Stop with a configurable 440C-CR30 Safety Relay
- Door Monitoring Interlock Switch with a 440C-CR30 Configurable Safety Relay
- Light curtain with a 440C-CR30 Configurable Safety Relay