

Machine Safety Solutions Level 1

7:30am We will start with an overview of the latest Codes, Advisories and Techniques to build the foundation for the two Machine Safety Solutions being presented.

10:00am Your Presenter will take you through the advantages of the new Modular Safety System.

Noon Lunch (Courtesy of WESCO)

1:30pm A step up in capability, ASI-Safe, gives you a networked and distributed Safety solution. We will show you how it can save \$1000's in installed cost.

Sensors and Small PLCs

7:30am Our first session will discuss Photo-electric sensors with the latest technologies from Banner. Small spaces, nasty environments, unusual surface...we will offer new ideas.

10:00am The newest PLC on the market, Siemens S7-1200, offers an incredibly good cost/performance ratio. The re-designed engineering tool combines Logic, HMI and Communication into one project manager.

Noon Lunch (Courtesy of WESCO)

1:30pm What's new with Turck. We will update you on the latest sensing and connectivity solutions from this global leader in machine control.

Communication with Industrial Ethernet

8:30am We will teach you how to implement an efficient industrial application of Ethernet. Topics include Security, Wireless, Managed devices and Redundant topologies.

11:30am Lunch (Courtesy of WESCO)

1:00pm Get a high-level look at OPC software technology. We will show you what it is and how it can make complex communication situations quite easy to implement.

Siemens TIA Workshop

With this Workshop, we will guide you through the Totally Integrated Automation experience of creating a complete project using Step-7 and the Simatic Manager.

8:00am Create a new project and start Step-7 programming

9:30am Integrate an AC Drive

11:00am Build and link to an HMI Touch Screen

Noon Lunch (Courtesy of WESCO)

1:00pm Set up a SCADA connection and try advanced programming methods

Motion with PLCs

8:30am Get comfortable with designing high-performance motion control systems that use Simatic "T" PLCs. We will step you through reference applications, product selection and H/W & S/W implementations.

11:30am Lunch (Courtesy of WESCO)

1:00pm Sinamics S-120 Hands-on Introduction. Work with us to experience the latest in Servo control solutions. This seminar will have you Configure, Commission and Tune a 2-axis, closed loop motion system.

Design & Build with Phoenix Contact

7:30am Phoenix solutions for OEMs. Presenting the features of Power Supplies, Relays, Solid-State Motor Controls and Terminal blocks

10:00am Phoenix solutions for Panel Builders. A focused look at Terminal blocks, Wire Management and Marking Systems.

Noon Lunch (Courtesy of WESCO)

1:00pm Phoenix solutions for End Users. See the latest in Automation including I/O, Ethernet and Signal Conditioning