

AUTOMATION

WED. AUG. 1 -
FRI. AUG. 3
9 AM - 5 PM

SMC JOPLIN
923 W. 4TH ST.
JOPLIN, MO 64801

COURSE NUMBER CCP183

ETHERNET/ IP CONFIGURATION & TROUBLESHOOTING

TRAINING EVENT

This course is Ethernet/IP Configuration & Troubleshooting. It's designed for technicians and engineers who must deploy and maintain Industrial Automation and Control System (IACS) networks.

This course should prepare you to effectively:

- Configure a Stratix® switch (5700, 8000, and/or 8300) to meet a variety of network requirements
- Assign IP addresses to devices on an EtherNet/IP network using rotary switches and a variety of software
- Monitor switch performance and status
- Diagnose and resolve issues with switches and devices on a network

This course will award 2.1 IACET CEUs.

Prerequisites

To successfully complete this course, the ability to perform basic Windows operating system tasks is required.



+ 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

\$1,765

Includes lunch

REGISTER

To register, contact Suzan McPherson at smcpherson@smcelectric.com by Monday, July 9.

SCHEDULE

Day 1

- Assigning a Computer's IP Address
- Pinging a Device's IP Address
- Assigning IP Addresses Using RSLinx Classic Software and Rotary Switches
- Assigning IP Addresses Using BOOTP/DHCP Server Software
- Configuring Stratix 5700 Switch Settings Using the Express Setup
- Creating and Assigning VLANs

Day 2

- Configuring DHCP Persistence
- Configuring Network Address Translation (NAT)
- Configuring Port Security and Traffic Monitoring
- Monitoring Stratix 5700 Switch Status and Performance
- Managing a Stratix 5700 Switch Using a Studio 5000 Logix Designer Project

Day 3

- Isolating EtherNet/IP Network Problems
- Diagnosing Problems with EtherNet/IP Modules
- Diagnosing Problems with EtherNet/IP Network Components
- Monitoring an EtherNet/IP Network Using Web-Enabled Technologies
- Troubleshooting a Stratix 5700 Switch
- Updating Stratix 5700 Switch Firmware