COURSE CCP146

Studio 5000 Logix Designer Level 1: System Fundamentals

This course is designed for individuals who have little to no experience working with Logix5000 systems or other programmable controllers. After completing this course, students should be able to perform basic ControlLogix and Studio 5000 Logix Designer tasks, such as:

- Creating and configuring a project
- Communicating with a controller

This course will assist in developing and building a solid foundation with a fundamental knowledge of ContolLogix and other Logix5000 systems.
Introducing basic Logix5000 concepts and terminology, and gaining exposure to Logix5000 system hardware are some of the advantages this course offers.

Tuesday, December 3 - Wednesday, December 4

8 AM - 5 PM

SMC Cape Girardeau
2333 Rusmar St
Cape Girardeau, MO

Cost: $2,162
Includes Lunch

To register, please contact Aislinn Roberts at aroberts@smcelectric.com

Course Agenda

DAY 1

- Understanding control systems
- Locating ControlLogix system components
- Locating and configuring Studio 5000 Logix Designer Application components
- Creating and modifying a Studio 5000 Logix Designer project
- Selecting and connecting to idustrial networks in a Logix5000 system
- Downloading and going online to a Logix5000 controller

DAY 2

- Locating I/O tags and devices in a ControlLogix system
- Configuring local 1756-I/O modules in a Studio 5000 Logix Designer project
- Creating tags and monitoring data in Studio 5000 Logix Designer project
- Drafting basic ladder logic for a Studio 5000 Logix Designer routine
- Selecting basic ladder logic instructions for a Studio 5000 Logix Designer routine
- Entering ladder logic icomponents in a Studio 5000 Logix Designer routine
- Integrated practice - creating and carifying a Studio 5000 Logix Designer project

PREREQUISITES

- Ability to perform basic Microsoft Windows tasks

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