



AUTOMATION

COURSE CCCL21

ControlLogix/Studio 5000 Logix Designer Level 3: Basic Ladder Logic Interpretation

This course is a skill-building course that provides you with a more detailed understanding of Studio 5000 Logix Designer® ladder logic instructions and terminology. This course also provides you with the resources and hands-on practice required to interpret ladder logic instructions for any Logix5000™ controller.

You will have an opportunity to use the Logix Designer application to perform basic software tasks to meet the requirements of a given functional specification. In addition to using ladder logic, you will be introduced to ladder logic techniques, established standards, and common rules for interpreting ladder logic.

PREREQUISITES

To successfully complete this course, completion of Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals course (CCP146) and Studio 5000 Logix Designer Level 2 (CCP153)

**Thursday, Sept. 11 -
Friday, Sept. 12**

8 AM - 5 PM

**SMC Sedalia
1616 W Main St
Sedalia, MO 65301**

Cost: \$2,796

Includes Lunch

To register, please contact Ashli Anderson at aanderson@smcelectric.com

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Course Agenda

REGISTER HERE



DAY 1

- Reviewing Basic Ladder Logic
- Interpreting timer and counter instructions
- Interpreting program control instructions
- Interpreting compare instructions
- Interpreting move instructions



DAY 2

- Interpreting math instructions
- Interpreting expression handling instructions
- Interpreting copy and file fill instructions
- Integrated practice: interpreting ladder logic instructions

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