

Studio 5000 Logix Designer Level 3: Basic Ladder Logic Interpretation

Description

This course (CCCL21) 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 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.

Objectives

- Interpreting Program Control Instructions in a Studio 5000 Logix Designer Project
- Interpreting Timer and Counter Instructions in a Studio 5000 Logix Designer Project
- Interpreting Math Instructions in a Studio 5000 Logix Designer Project
- Interpreting Comparison Instructions in a Studio 5000 Logix Designer Project
- Interpreting Move Instructions in a Studio 5000 Logix Designer Project
- Interpreting Copy and File Fill Instructions in a Studio 5000 Logix Designer Project

Prerequisites

To successfully complete this course, the following prerequisites are required:

- Completion of Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals (Course No. CCP146) or equivalent experience
- Completion of Studio 5000 Logix Designer Level 2: ControlLogix Maintenance and Troubleshooting (Course No. CCP153)

Who Should Attend

Maintainers who need to interpret ladder logic using the Logix Designer application should attend this course.

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