Overview:

This course (CCP151-EL) provides you with the resources to program basic ladder logic instructions for Logix 5000™ controllers. You will have an opportunity to use the Studio 5000 Logix Designer® application to perform basic software tasks to meet the requirements of a given functional specification. In addition, you will set up a sequencer to run equipment through a predefined procedure and separate production procedure from equipment control.

Objectives:

- Programming Comparison Instructions in a Studio 5000 Logix Designer Project
- Programming Move Instructions in a Studio 5000 Logix Designer Project
- Documenting and Searching Ladder Logic Using the Studio 5000 Logix Designer Application
- Copying and Filling an Array in a Studio 5000 Logix Designer Project
- Starting a Ladder Diagram for a Studio 5000 Logix Designer Project
- Handling Expressions in a Studio 5000 Logix Designer Project
- Programming a Procedure in a Studio 5000 Logix Designer Project
- Separating the Procedure from Equipment Control in a Studio 5000 Logix Designer Project

Who Should Attend:

This course is for programmers who have little or no working experience with controllers, are responsible for programming Logix 5000 controllers using the Logix Designer application, and need to learn how to draft ladder logic for any application.

Prerequisites:

To successfully complete this course, completion of the Studio 5000 Logix Designer Level 1: Logix 5000 System Fundamentals course (Course No. CCP146) or equivalent experience is required

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