

## AGENDA DEL CURSO

### Día 1

- Identificar Logix5000 Plataformas y componentes
- Identificar los lenguajes de programación dentro de un Sistema Integrado de
- Configuración de los módulos 1756-E / S locales
- La comunicación con un controlador Logix5000

### Día 2

- Creación y organización de un nuevo proyecto RSLogix 5000
- Organización de los datos
- Configuración de un controlador Logix5000 para producir y consumir datos
- Conversión de PLC-5 ® o SLC™ 500 Logic Lógica Logix5000-Based

# Transición de PLC-5® a ControlLogix®



**CÓDIGO: CCP710**

#### *Propósito*

Al finalizar este curso, los estudiantes con experiencia básica del procesador PLC-5 serán capaces de crear un proyecto sencillo para un controlador ControlLogix.

Este curso introducirá a los estudiantes a las tareas básicas que intervienen en la configuración y programación del controlador ControlLogix extremadamente flexible y de gran alcance - una plataforma de la nueva generación de plataformas de control de Rockwell Automation. Este curso puente es una oportunidad de desarrollo de habilidades para los estudiantes que quieran desarrollar un sólido conocimiento fundamental de los sistemas ControlLogix. Debido a que cada generación tiene su propio idioma, los estudiantes también serán introducidos a la terminología asociada con esta plataforma. Para ganar experiencia en programación, los estudiantes serán introducidos a los componentes del sistema ControlLogix y funcionalidad y tendrán la oportunidad de usar RSLogix 5000 software para realizar una red básica del sistema y las tareas de configuración.

Este curso presenta una introducción a la conversión de los programas existentes PLC-5 o SLC a la plataforma Logix5000.

#### *Prerrequisitos*

Para completar este curso con éxito, se necesitan los siguientes requisitos previos:

- Capacidad para realizar tareas básicas de Windows Microsoft, tales como:
  - Uso de un mouse
  - Buscar archivos
  - Abrir, cerrar y redimensionar ventanas
- Experiencia básica con procesadores PLC-5

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**Rockwell  
Automation**

# COURSE DESCRIPTION

## Logix5000™ Controllers

### **Who Should Attend**

This course is intended for those individuals who need to program a ControlLogix controller and are already familiar with PLC-5 processors and basic ladder logic. It is also an excellent opportunity to preview the ControlLogix platform and gain an overview of its features before making system design decisions.

### **Prerequisites**

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

- Ability to perform basic Microsoft Windows® tasks, such as:
  - Using a mouse
  - Browsing for files
  - Opening, closing, and resizing windows
- Basic experience with PLC-5 processors

### **Student Materials**

To enhance and facilitate each student's learning experience, the following materials are provided as part of the course package:

- *Student Manual*, which contains the topical outlines and exercises. Students will use this manual to follow presentations, take notes, and work through the exercises.
- *RSLogix 5000™ and Logix5000 Procedures Guide*, which provides all of the steps required to complete common Logix5000 tasks including the tasks in the exercises.
- *Logix5000 Systems Glossary*, which contains terms and definitions specific to Logix5000 systems. This easy-to-use reference tool will help you understand Logix5000 concepts and terminology.
- *RSLogix 5000 and Logix5000 Fundamentals Procedures Guide*, which provides all of the steps required to complete basic RSLogix 5000 software tasks common to all Logix5000 hardware platforms.

### **Hands-On Practice**

Hands-on practice is necessary for retaining new information and learning new skills. This course offers hands-on exercises to give students working knowledge of Logix5000 systems.

### **Next Learning Level**

Once students have mastered the fundamental skills covered in this course, they will have the knowledge and skills necessary to attend the next level of Logix5000 training. In particular, this course will benefit those students enrolling in the *RSLogix 5000 Level 3: Project Development* course (Course No. CCP143).

### **Course Length**

This is a two-day course.

### **Course Number**

The course number is CCP710.

### **IACET CEUs**

CEUs Awarded: 1.4



### **To Register**

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at <http://www.rockwellautomation.com/training>

[www.rockwellautomation.com](http://www.rockwellautomation.com)

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