Self-Paced Lessons

Course Pre-Test*

ControlLogix System Overview
- ControlLogix® Overview
- Going Online With a Controller

Hardware
- Chassis and Power Supplies
- Controllers
- I/O Modules
- Communications Modules
- Motion Modules

Module Configuration
- Connections
- Configure a Module

Tag Structures
- Digital
- Analog
- DeviceNet
- DH/RIO
- EtherNet/IP

Programming Overview
- Project File Overview
- Numbering Systems
- Programming Languages

Course Post-Test*

Pre- and Post-Tests*
* Included in web-based training.

To access the pre- and post-tests in computer-based training, this course must be used with RSTrainer Student Manager.

Course Purpose

This interactive, training course teaches you the core tasks required when working with a ControlLogix control system. This course provides an overview of the L6x and L7x series of controllers, I/O modules, communications modules, and motion modules.

During the course, you will learn how to go online with a controller and configure ControlLogix modules using Studio 5000 Logix Designer. Through the step-by-step demonstrations, you will learn about the various settings and options in the software and see how to perform the required tasks for example control applications.

Helpful animations, background information, and links to other reference materials provide you with a variety of knowledge and learning tools. These tools, combined with the step-by-step demonstrations, will provide you with the knowledge and skills required to perform task. You will also have the opportunity to practice performing software tasks through interactive simulations. These simulations will guide you through the required steps and give you immediate feedback on your performance to reinforce learning.

You will also be given multiple opportunities to test your knowledge through question and answer sessions. These question and answer sessions will allow you to gauge your knowledge level and help you identify areas for improvement.
Intended Audience
This course is intended for the following audiences:
• Individuals who prefer self-paced instruction
• Individuals who cannot attend classroom training
• Users of the Rockwell Automation ControlLogix family of programmable controllers who need refresher training
• Individuals interested in the features and capabilities of the Rockwell Automation ControlLogix family of programmable controllers and RSLogix 5000 software

Learning Activities & Features
Rockwell Automation e-learning courses include the following features:
• Information overviews
• Discussions of basic principles and/or concepts
• Descriptive and detailed technical explanations
• Animated sequences
• Interactive and integrated practice exercises
• Interactive simulations
• Online help
• Index to locate specific course topics
• Embedded Adobe Acrobat PDF files of technical manuals
• Links to useful reference material
• Glossary of terms

Prerequisites
To successfully complete this course, you should be able to perform basic Microsoft Windows tasks.

Computer-Based Training
The RSTrainer computer-based CD-ROM format permits unlimited usage on a single, licensed computer. Computer-based training does not require an Internet connection; therefore, learning can take place anytime and anywhere a computer is available.

To Purchase
To purchase this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley® Distributor or your local Sales/Support office.
You can also access course information via the Web at http://www.rockwellautomation.com/training

Catalog Numbers
• RSTrainer for ControlLogix Fundamentals: 9393-RSTCLX or 9393-RSTCLXM
• RSTrainer Enterprise Edition for ControlLogix Fundamentals: 9393-RSTCLXENF or 9393-RSTCLXENFM

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