

COURSE DESCRIPTION

SLC™ 500 Processors

RSTrainer® for SLC Fundamentals

SELF-PACED LESSONS

RSTrainer Introduction

- RSTrainer Introduction
- Course Overview

Hardware

- SLC 500 Family
- Chassis
- Power Supplies
- Processors
- Discrete I/O Modules
- Analog I/O Modules
- SLC 500 Configuration

Addressing

- Memory Organization
- Address Types
- Indexed Addressing
- Indirect Addressing

Programming Overview

- RSLogix 500 Background
- Numbering Systems
- Ladder Programs
- Operating Cycle
- Status File



Course Purpose

This interactive, self-paced training course teaches you the core tasks required to work with an SLC 500 control system. The course provides an overview of the SLC 5/01, SLC 5/02, SLC 5/03, and SLC 5/04 programmable controllers, concepts, and terminology.

During the course, you will learn about memory organization, addressing, and ladder logic concepts through interactive simulations. You will also be provided with an overview of RSLogix™ 500 software.

Helpful animations, background information, and links to other reference materials provide you with a variety of knowledge and learning tools. These tools will provide you with the knowledge required to understand the usage of addressing formats and basic instructions in an RSLogix 500 project, and the numbering systems in an SLC 500 system.

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.

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Intended Audience

This RSTrainer course is intended for the following audiences:

- Individuals who prefer self-paced instruction
- Individuals who cannot attend classroom training
- Users of the Rockwell Automation SLC family of processors who need refresher training
- Individuals interested in the features and capabilities of the SLC family of processors and RSLogix 500 software

Learning Activities & Features

RSTrainer 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.

To Purchase

To register for 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/services>

Catalog Number

RSTrainer for SLC Fundamentals: 9393-RSTSCLC

www.rockwellautomation.com

Power, Control and Information Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846