

SLC 500 and RSLogix 500 Programming

OEM: Rockwell Automation • Duration: 4 Days (32 hrs) • Code: CCPS41

COURSE MODULES & TOPICS

Objectives

- Identifying SLC 500 System Components
- Getting Started with RSLogix 500 Software
- Communicating with an SLC 500 Processor
- Creating a New Project
- Determining Addresses and Assigning Symbols
- Drafting Ladder Logic
- Selecting and Programming Bit Instructions
- Entering, Editing, and Verifying Ladder Logic
- Determining Program Flow and Creating Subroutines
- Selecting and Programming Timer Instructions
- Selecting and Programming Counter Instructions
- Entering and Searching for Documentation
- Organizing the Data Table
- Selecting and Programming Math Instructions
- Selecting and Programming Data Handling Instructions
- Selecting and Programming Comparison Instructions
- Testing a Project
- Configuring and Previewing a Project Report

Prerequisites

- Experience with basic control and electrical principles
- Experience operating a personal computer within a Microsoft Windows 95 or Windows NT environment
- Working knowledge of programmable controllers or completion of the PLC-5/SLC 500 and RSLogix Fundamentals course (CCP122)

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

Course Agenda

Day 1-4

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