Allen-Bradley RSLogix500 Software

This two-day course provides participants with hands-on instruction on the setup, operation, and use of Allen-Bradley's *RSLogix500* software to configure, troubleshoot, and program the SLC-500. The course uses an Allen Bradley SLC-500 to demonstrate the programming, maintenance, and troubleshooting of an SLC-500. The class consists of 45% classroom instruction and 55% hands-on exercises.

I. Introduction to RSLogix500

A. Main Program Area
B. Main Menu Bar
C. Instruction Bar
D. Icon Bar
E. Status Bar
F. File Area

II. Starting RSLogix500

A. Main View Screen
B. Off-line Operations
C. Going Online
D. Entering a Program
E. Tag Editor
F. I/O Configuration Screen

III. Starting RSLinks

A. Connecting the Laptop
B. Loading Program from Hard Drives
C. Loading Program from Floppy Disks
D. Downloading to the Processor
E. Comms Menu
F. Program Mode

IV. Storing Programs and Directories

A. Saving a Program to a Disk
B. Saving a Program to a Directory
C. Downloading and Saving a Ladder File

V. Editing

A. Making Edits On-line
B. Testing Edits
C. Assembling the Edits
D. Custom Data Display Screens
E. Mouse Based Field Entry
F. Using Searches
G. Histograms and Timing Charts

VI. Ladder File Operations

A. Forcing Points
B. Enabling/Disabling Forces

VII. Printing Files

A. Printing a Ladder File
B. Printing I/O Tables

VIII. Basic Ladder Logic Commands

A. Help Screen
B. Contacts and Coils (XIC, XIO, OTE, OTL)
C. Latching Coils (OTL, OTU)
D. Timers (TON, TOF, RTO, RES)
E. Counters (CTU, CTD)
F. Move Commands
G. Math Commands
H. Master Control Relay
I. Subroutines