

AutomationDirect

PLC

TRAINING COURSES

InterConnecting Automation Inc.



ICA

AutomationDirect Do-more PLC Training

What is Do-more?

The Do-more PLC line offers features and performance of high-end PLCs for an economical price. It has a much more flexible and advanced design that makes integrating I/O and organizing a program much easier. The current H2 CPU offers 4 times more program memory, 9 times more data memory, and operate at speeds of up to 20 times faster than current DL205 CPUs! Do-more also provides an advanced instruction set to reduce programming time, superior memory mapping to improve data management, and data structures to simplify initial programming and long-term software maintenance.

Who should attend?

Manufacturing Engineers, Industrial Engineers, Plant Operations Managers, Maintenance Personnel or other personnel involved in planning, design and setup of manufacturing facilities and personnel who encounter control systems in their course of daily functions. It will also benefit those who might be programming, installing equipment, maintaining equipment, purchasing or implementing cost reduction and automation programs, or maintaining and troubleshooting PLC based equipment.

What are the benefits?

- Exposure to state-of-the-art PLCs to keep engineers proficient
- Excellent training for maintenance staff enabling them to troubleshoot and install PLCs.
- Introduce management to new tools for use in daily operations that can aid in making production more flexible, reliable, productive and profitable.

What to expect?

Plenty of hands-on programming! From day one, you will be learning how to configure, specify, program and troubleshoot a real PLC control system! Each work station has an actual PLC complete with functional Inputs and Outputs. The instructor, Doug Bell, draws on his diverse background to make the programming examples reflect real-world situations in such a manner that will keep you interested throughout the entire course.



ONLY
\$879
PER PERSON

NEW!

Class price also includes **FREE** 60-day subscription to Do-more PLC online training video library!

Class Dates:

April 4-6, 2017 Irvine CA

January 17-19, 2017 Atlanta GA



Fee includes:

- Continental breakfast
- AutomationDirect PLC User Manual
- Training manuals
- 60-day subscription to online videos

In order to assure registration, all class fees must be received prior to the scheduled class date.

Hotel rooms are available at a discounted rate, however, reservations must be made two weeks prior to date of class.



ICA

InterConnecting Automation Inc.
3821 S. 93rd Street, Milwaukee, WI 53228
Phone: 414-425-8348 Fax: 414-425-8363
Web site: www.InterConnectingAutomation.com

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Course Contents

Do-more Introduction

- I/O
- Relays
- Sink\Source
- Scan Time

Do-more Designer

- Project Browser
- Main
- System Task
- Programs
- Configuration
- Nicknames
- Documentation tools
- Comment editor
- Devices
- Tools
- Menus and Pull Downs
- Simulator vs hardware trainer
- Online vs. Offline
- Editing a program
- Launch Pad
- Ports
- Protocols
- I/O mapping Auto vs. Manual
- Analog I/O mapping WX & WY
- Cross reference

- History
- Change value and force
- Dataview
- Adding devices
- Block of code
- Status mode
- Memory types D,N,V,R DLV, DLX, DLY, DLC, and the rest
- No datatype conversion by user
- SS & SL string types & structure
- Externally accessible memory locations
- Accessing Domore – Serial – USB – Ethernet
- Addressing Domore CPU
- Instructional Flags
-

Programming Instructions

- Normally Open
- Normally Closed
- Anding
- Oring
- And\Or
- Internal C's
- ST's
- Set\Reset
- Timer on & off delay & structure
- Counter & structure

- Drum Sequencer
- Analog in
- Analog out
- Comparator using analog
- Programming tasks and programs
- Delta
- Push on \ Push off
- No END instruction
- One Shot contact and coil
- INIT
- Math
- Move Range
- Retentive issues
- DLOGIC vs. Do-more Addressing and feature differences
- Output Window
- Date\Time

Advanced items covered

- Peer to Peer
- Ascii strings (Bar Code)
- Scaling with and without a decimal point
- Looping with and without Yield
- Casting

Course Fee:

\$879.00 per person

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Registration Form

(Act now - seating is limited)

Name _____

Company _____

Title _____

Address _____

Telephone _____ Fax _____

City _____ State _____ Zip _____

E-mail address _____

Location/date of class _____

Method of payment

- Check
 Purchase Order
 VISA
 Mastercard
 American Express

Credit Card or P.O. # _____

Exp. Date _____

CSV Security Code _____

(Visa/Mastercard - Last three digits of account number panel on card back, American Express - Four digit code on the front of the card just above and to the right of your main credit card number.)

Signature _____



Reply by FAX: 414-425-8363
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ONSITE TRAINING AVAILABLE

Customized to fit your needs. Call for details.

All class fees must be received prior to the scheduled class date.

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