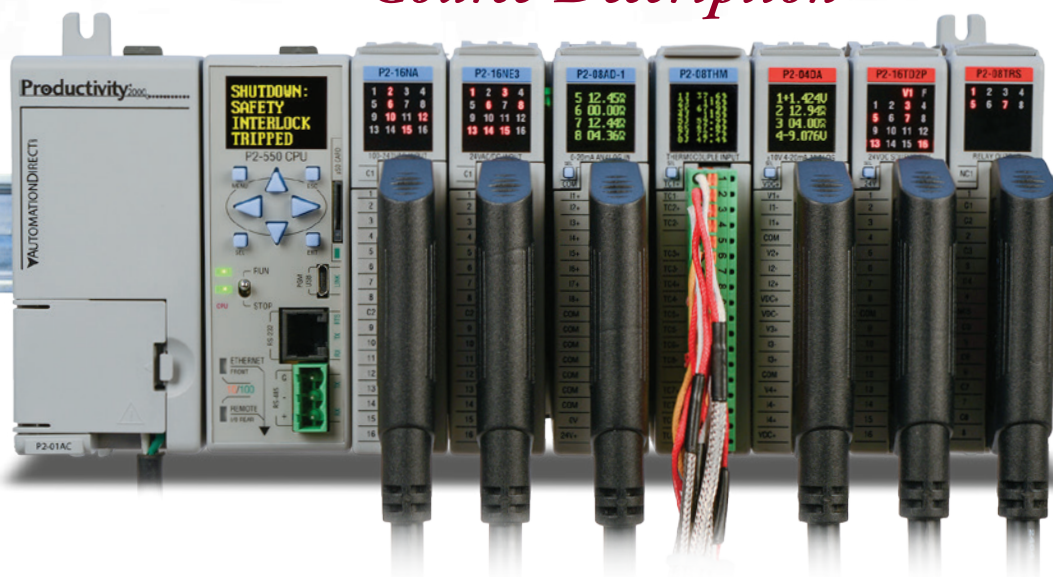# AutomationDirect PLC TRAINING COURSES

InterConnecting Automation Inc.

ICA

AutomationDirect Productivity PLC Series Training

Course Description

The Productivity Series® of Programmable Controllers are powerful yet easy to use: learn about the best features of this high-performance system with the intuitive programming tools, FREE software and more.

Who should attend?

Manufacturing engineers, industrial engineers, plant operations managers, maintenance or any personnel involved in the planning, design and set-up of manufacturing facilities, or personnel who encounter control systems in their course of daily functions. This course will benefit personnel 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?

- Offers exposure to state-of-the-art PLCs to keep engineers proficient
- Provides experience to your staff that allows them to install and troubleshoot PLCs
- Offers information for management to use in daily operations to make production more flexible, reliable, productive and profitable

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

Course Syllabus

Day One

Introduction to the Productivity 2000 Hardware and features
- CPU
- Input/Output modules
- Specialty modules

Introduction to the P2000 Software Application Tools
- Setting up your Hardware
- Tag based programming

Task manager
- Conditional Tasks

Ladder logic
- Basic functions and processes

Ladder Instructions
- Contacts and Coils
- Timers and Counters

Day Two

P2000 Software Continued
- Review simple ladder logic
- Specialty bits and data
- Utilizing analog devices
- Math functions
- Advanced ladder instructions

Day Three

Trouble shooting
- Utilizing the PLC to diagnose physical problems
- Trouble shooting and debugging PLC code

Advanced features

Communications

Course Fee:
$879.⁰⁰ per person
Includes FREE 60-day subscription to Productivity PLC online training video library!

2016 - 2017 Schedule

Sept 27-29, 2016 — **Atlanta GA***

March 28-30, 2017 — **Irvine CA**

June 6-8, 2017 — **Atlanta GA***

*Classes held at *AutomationDirect* Headquarters in Cumming, GA.

Please visit our Web site for an updated list of future class dates!

www.InterConnectingAutomation.com

About the Instructor:
Damian Wimmer

Doug Bell is excited to welcome Damian, as an instructor, to the ICA training program!

Damian is a seasoned professional with over 20 years industrial controls experience who first start using AutomationDirect (then PLCDirect) products in 1994 beginning with the DL405 Series.

For several decades he has been involved in PLC-related projects worldwide that have included plant wide system control, HVAC controls, motion systems, machine programming, high-speed applications, and communications.

Damian is also accomplished in SCADA and general visualization including HMIs and PC-based interfaces.

Registration Form
(Act now - seating is limited)

Name _____

Title _____

Telephone _____ Fax _____

E-mail address _____

Company _____

Address _____

City _____ State _____ Zip _____

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
Reply by mail: 3821 S. 93rd Street
Milwaukee, WI 53228
E-mail us at: info@InterConnectingAutomation.com
Web site: www.InterConnectingAutomation.com

ONSITE TRAINING AVAILABLE
Customized to fit your needs. Call for details.

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