

- Learn at your convenience
- Save time and money
- In depth teaching
- All skill levels



**ONLINE TRAINING**  
**\$2995 - \$3995**

# Online AUTOMATION SCHOOL

PLUS HANDS-ON TRAINING

**INTERCONNECTING AUTOMATION**

## TRAINING FOR PLC Based Control Systems

<p><b>INTRO PLC 101</b></p> <p>Learn the basics of PLCs with Introduction to PLC Principles.</p>	<p><b>DIRECTSOFT &amp; DIRECTLOGIC</b></p> <p>In-depth look at DirectSoft &amp; DirectLogic® PLC software.</p>	<p><b>CLICK PLC 101</b></p> <p>In-depth look at CLICK® micro PLC.</p>	<p><b>PRODUCTIVITY 3000 PAC</b></p> <p>In-depth look at Productivity 3000® PAC.</p>
<p><b>C-MORE OPERATOR INTERFACE</b></p> <p>In-depth look at C-More® operator interface panel.</p>	<p><b>DRIVES - MOTORS MOTION</b></p> <p>Learn the basics of AC Drives, Motors, DC Motors, and more.</p>	<p><b>DATAWORX DATA COLLECTION</b></p> <p>Demystify the complexity of database design, creation, and use.</p>	<p><b>BASIC CLICK PLC CERTIFICATION COURSE</b></p> <p>Need continuing education credits? Need a certificate of completion?</p>

# Online Courses - low cost, convenient learning at your own pace.



\$29.95

## INTRO PLC 101

Learn the basics of PLCs with Introduction to PLC Principles (for the novice non-user with limited controls knowledge), which discusses the “how” and “why” of PLCs, plus Basic Fundamentals of PLCs which explains the MUST know items, and more.

More than 25+ pre-recorded videos are available with unlimited access for 30 days with your paid subscription, and tutorials last an average of 6 minutes each.



\$39.95

## DIRECTSOFT & DIRECTLOGIC

This in-depth look at DirectSoft software & DirectLogic®PLC series of components offers more than 60 tutorials which last an average of 8 minutes each. Topics include inputs, outputs, programming instructions and more.

This course also includes all “Intro to PLC 101” videos plus unlimited access for 30 days with your paid subscription.



\$39.95

## CLICK PLC 101

This in-depth look at CLICK®micro PLC series of components offers more than 50 tutorials which last an average of 6 minutes each. Topics include inputs, outputs, programming instructions and more.

This course also includes all “Intro to PLC 101” videos plus unlimited access for 30 days with your paid subscription.



\$39.95

## PRODUCTIVITY 3000 PAC

The Productivity 3000® is a powerful yet easy to use PAC: learn about the best features of this high-performance system with the intuitive programming tools, FREE software and more. Training provides more than 20+ pre-recorded videos which last an average of 4-9 minutes each. Topics include features, performance, programming, software and more.

This course also includes all “Intro to PLC 101” videos plus unlimited access for 30 days with your paid subscription.



\$39.95

## C-MORE OPERATOR INTERFACE

The C-more® Operator interface training provides more than 20+ pre-recorded videos which last an average of 3-8 minutes each. Topics include fundamentals, communications, configuring, creating objects, and more.

This course also includes all “Intro to PLC 101” videos plus unlimited access for 30 days with your paid subscription.



\$24.95

## DRIVES - MOTORS - MOTION

Learn the basics of AC Drives, Motors, DC Motors, and more. These tutorials offer on-demand videos discussing the often difficult to master features such as motor types, Variable Frequency Drives, motor speed control and more.

More than 20+ pre-recorded videos are available with unlimited access for 30 days with your paid subscription. Tutorials last an average of 6 minutes each.



\$29.95

## DATAWORX DATA COLLECTION

Demystify the complexity of database design, creation, and use when implementing data logger software for collecting statistical process control data. This extensive library provides in-depth tutorials of DataWorx, DataWorx Pro, and Datalynks to identify key elements and benefits with a database, plus communication, data verification, testing and more when using networked PLCs for process control data.



\$195.00

## BASIC CLICK PLC CERTIFICATION COURSE

This continuing education course is the first “true” online curriculum offering continuing education credits. With over 50 online-study videos, each lasts an average of six minutes; the course includes quizzes, progress testing plus a final comprehensive exam. Upon satisfactory completion, you will receive three hours of continuing education credits plus printout a Certificate of Completion on your printer.

## Testimonials

Thanks you for providing these great training videos. Your instruction took me from zero to able to program short sequences in a weekend. **Dean F - Malone NY**

I am a security system guy who knows nothing about PLC's. Had to work on a PLC. Found the video site, watched the videos, got exactly what I needed to go out and work on my first PLC. **Mike B - Jacksonville FL**

I did not know anything about PLC's. After watching the videos, I went out and programmed a small CLICK PLC to turn on two pumps, and three solenoids. Did not work perfect, so went back and watched the videos again and found out what I was doing wrong. Thanks Doug for putting this up. **Don P - Charlotte NC**

I was afraid to work on the C-More touch screens. Called Doug on the phone and he told me to watch the online videos. I was a little resistant as I felt what is \$39,95 going to get me. I finally did and WOW, I could not believe. The videos show you exactly how to setup - config - and program the operator interface. **Bill H - Philadelphia PA**

# Hands-on PLC Training

## 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.

## AUTOMATIONDIRECT PLC BASIC TRAINING

\$879

### 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! : There is NO BETTER WAY to learn PLC programming than to dig in and start 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.

- Operation of Automationdirect.com Products
- Designing and Laying Out a Project
- Introduction to DirectSOFT™
- PLC Programming
- PLC Programming and Hardware Application

## AUTOMATIONDIRECT ADVANCED PLC TRAINING

\$895

### What are the Benefits?

- You'll gain in-depth knowledge of Automationdirect.com, PLCs, I/O, and C-More Operator Panels
- Excellent training for maintenance staff enabling them to troubleshoot and install PLCs

### What to expect:

Plenty of Hands-ON! : There is NO BETTER WAY to learn PLC programming than to dig in and start 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.

- PLC Programming
- Networking

Also Available  
PID Training

for more detailed information, syllabus, and city dates schedule, go to <http://interconnectingautomation.com/Schedule>

**SIGN UP** <http://interconnectingautomation.com/onlinecourses>

**INTERCONNECTING AUTOMATION**

### Online and in the classroom

Doug Bell can relate to the day-to-day problems associated with using and troubleshooting PLC systems. He started his career on the factory floor at Crown Cork & Seal, one of the world's premier suppliers of cans and closure systems. After Crown, he established a successful firm to design and implement control applications, including programming and startup. His qualifications include:

- 20 years experience in PLC and control system design at more than 45 facilities worldwide
- 15 years of training classes
- Managed the specification, procurement, programming, site startup and maintenance of automation projects
- Wide range of applications experience from electronic feeder controls to HMI systems
- Experience in training both factory technicians and operations personnel

## CECIL SMITH

### In the classroom

With over 35 years experience in process control, Dr. Smith's expertise encompasses virtually every control technology being applied in industrial production facilities. In continuous processes, he has worked with oil refining, pulp/paper, power generation, and ore processing. In batch processes, he has experience with both single-product processes (such as PVC reactors and pulp digesters) and the multi-product (flexible batch) processes that are the norm in the specialty chemicals and similar industries. His primary focus is on designing a control strategy for a process and then commissioning the controls, that is, the process aspects as opposed to systems aspects. However, he is proficient with both DCS's, PLC's, PC-based controls, and single-loop microprocessor-based controls, and is capable of resolving both process and system problems.

# www.InterConnectingAutomation.COM

## Check out some of our Video DVD Courses and Classes



### Basic PLC Training Class

This course will benefit personnel who might be programming, installing or maintaining equipment, purchasing or implementing cost reduction and automation programs, or maintaining and troubleshooting PLC-based equipment. **\$879**



### Basic PLC Training DVD's

If it is just Intro PLC training you are looking for we have it for you. If you are looking for general information on how PLC's work and how they accomplish what they do, we have an online video library for you to go through. **\$479**



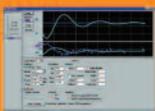
### Advanced PLC Training Class

This course is designed for people who have previous experience in PLC programming and would like to improve their programming and troubleshooting skills. Come see the robot. **\$895**



### Analog PLC I/O DVD's

The Training Kit includes two 2-hour analog training DVD's or videos, firmware upgrade instructional video, a pre-wired analog trainer and DL05 Analog I/O module and manual. **\$795**



### PID Control Computer Based Training

Veteran PID expert Cecil Smith brings you a new innovative way to learn PLC PID in the comfort of you own home or office. This self guided computer based training (GBT) package that allows you to learn at your own pace. **\$695**