



# VALIN UNIVERSITY TRAINING COURSE

## About Valin

Valin is a leading provider of process control and automation solutions to the technology, energy, life sciences, natural resources, and transportation markets. Valin offers personalized order management, on-site field support, comprehensive training, and applied expert engineering services utilizing automation, filtration, fluid handling, fluid power, heating, and process control products. To learn more about Valin's capabilities please visit [valin.com](http://valin.com), or to browse our product portfolio please visit [valinonline.com](http://valinonline.com).

## Valin Services

- Applied Expert Engineering
- On-Site Field Support
- Personalized Order Management
- Comprehensive Training Programs

*Helping those we touch achieve their goals.*

Valin Brand Promise

ISO 9001 Certified

[valin.com](http://valin.com) | [valinonline.com](http://valinonline.com)

## PLC Programming, Maintenance, & Troubleshooting Training

This 3 day training course introduces you to programming techniques and instructions that will assist you in successfully configuring and programming an Omron series PLC system using Omron CX/ONE software, and provides you with the knowledge and practice to interpret, isolate, and diagnose common hardware problems related to noise, power, & I/O.

### Who should attend?

Technicians, Engineers, Maintenance Personnel, and Control Engineers looking to understand PLC programming and servicing.

**We offer three course options to fit your needs:**

#### Package 1: Training Course with Hardware & Software Starter Kit

Duration: 3 day training course  
Price: \$3,125 per person

Hardware included:

- CJ1M CPU and Power Supply
- 16 Pt DC Input Module
- 16 Pt Isolated Relay
- PLC Transfer Cable
- CX-One Single User License



#### Package 2: Training Course with Hardware Starter Kit

Duration: 3 day training course  
Price: \$2,425 per person

Hardware included:

- CJ1M CPU and Power Supply
- 16 Pt DC Input Module
- 16 Pt Isolated Relay
- PLC Transfer Cable



#### Package 3: Training Course Only

Duration: 3 day training course  
Price: \$2,225 per person



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### What's included?

- Valuable hands-on experience
- Complete course text materials
- Course notes
- Certificate of completion
- Continental breakfast and full lunch

### Who would benefit from this course?

- Engineers with no PLC programming experience
- Experienced programmers who need a jump-start on programming Omron PLC's
- Technicians responsible for installing Omron PLC's on machinery
- Service technicians responsible for field service of equipment

**CX/ONE** is an integrated software tool that enables the user to configure and program Omron PLC's, Networks, HMIs, Motion Controllers, Temperature Controllers and other devices. All from a single programming environment!

**CJ1 Series PLC** is designed to deliver BIG PLC performance from a product that is 40% smaller than traditional midsize PLCs. Free up panel space without sacrificing performance! The CJ1 supports Ethernet, DeviceNet, Profibus, as well as all of Omron's industry leading networks! Omron PLC's conquer the technological demands of any automation environment.

To view our current class schedule please visit our web site at: [www.valinonline.com/events.aspx](http://www.valinonline.com/events.aspx)

Limit of one promotional package per attendee per training session. Starter kit is not available before training session and cannot be obtained without taking the 3-day class.

Must sign up 2 weeks before class in order to have hardware and software delivered by class date, or you can pay for the expedited shipping fees (cut-off for this option is noon the day before the class).

For more information please contact Michelle Fischer at  
**(800) 774-5630 x2626**, or e-mail her at [mfischer@valin.com](mailto:mfischer@valin.com).

**VALIN**  
PROCESS CONTROL & AUTOMATION