

Presented by Horizon Solutions and Rockwell Automation

CCP122: PLC-5 SLC 500 and RSLogix Fundamentals This 2-day course is designed as an introduction to programmable controller systems. Upon completion of this course, students will be able to identify components of programmable controller systems, describe their functions, describe the flow of information through systems, navigate software, interpret simple ladder logic, and run projects on a PLC-5 or SLC 500 processor.

Note: students will NOT be able to maintain or troubleshoot PLC-5 or SLC 500 systems, see additional courses (listed below) for more skills and information.

CCPS43: SLC 500 and RSLogix 500 Maintenance and Troubleshooting This 4-day course is intended for individuals who are responsible for troubleshooting and maintaining SLC 500 systems using RSLogix 500. This course provides students with the necessary practice needed to interpret, isolate, and diagnose common hardware problems related to noise, power, and discrete and analog I/O. An integrated practice of multiple troubleshooting skills completes the training.

CCP299: RSLogix 5000 Level 1: ControlLogix Fundamentals and Troubleshooting This 4-and-a-half-day course is intended for individuals who need to maintain and troubleshoot a ControlLogix or other Logix5000 system and have no current working experience with Logix5000 systems. Students will be introduced to basic concepts and terminology, and Logix5000 system hardware, and will be presented with a systematic strategy for diagnosing and troubleshooting a variety of system problems, such as software configuration issues, electrical noise, controller, I/O, and other possible hardware issues.

CCA161: PowerFlex 700 Vector Control Configuration and Startup This 1-day course introduces techniques and instructions that will assist you in successfully configuring and starting up a PowerFlex 700 vector control drive. It will cover: ControlNet, DeviceNet, EtherNet/IP and Remote I/O.

CCA163: PowerFlex 700 Vector Control Maintenance and Troubleshooting This 1-day course introduces concepts and techniques that will assist you in successfully maintaining and troubleshooting a PowerFlex 700 vector control drive. It will cover: faults, alarms, applications, wiring, as well as DriveExplorer and DriveExecutive.



CCN142: RSLogix 5000 Level 4: Motion Programming Using Ladder Logic This 3-day course is intended to provide plant personnel with the skills to configure and program Logix5000 applications specifically for integrated motion control functionality using ladder logic, including both SERCOS and analog motion control technologies.

Note: this course will be held at Rockwell Automation's Rochester training facility (not Horizon Solutions' Training facility).

CCV204: FactoryTalk View ME and PanelView Plus Programming This 4-day course is intended for individuals who need to create FactoryTalk ME applications for use on a PanelView Plus terminal. It provides students with the skills required to prepare a PanelView Plus terminal for operation, and provides experience with FactoryTalk View ME software and RSLinx Enterprise software.

All costs listed are PER STUDENT!

All training classes will be held at either Horizon Solutions' Training Facility in Rochester, NY:
2005 Brighton Henrietta Town Line Road
Rochester, NY 14623

Or... at Rockwell Automation's Training Facility in Rochester, NY:
300 Red Creek Drive
Rochester NY 14623

For detailed information about these courses, agenda for specific topics covered in each course, prerequisites, and further training options available go to the training section on Rockwell Automation's web site:

<http://www.rockwellautomation.com/services/training>

Obtain comprehensive **knowledge** of the latest control **technology** and earn recognized industry credentials:



The training classes that are listed below can be applied toward the ControlLogix **Certification** Program and will also earn you **CEUs** (Continuing Education Credits).

Talk to a trainer for more information.

Date	Location	Course	Description	Cost
July 16th - 17th	Rochester (Horizon)	CCP122	PLC-5 SLC 500 and RSLogix Fundamentals	\$1,095.00
July 21st - 24th	Rochester (Horizon)	CCPS43	SLC 500 and RSLogix 500 Maintenance and Troubleshooting	\$1,825.00
August 3rd - 7th	Rochester (Horizon)	CCP299	RSLogix 5000 Level 1: ControlLogix Fundamentals and Troubleshooting	\$2,190.00
August 11th	Rochester (Horizon)	CCA161	PowerFlex 700 Vector Control Configuration and Startup	\$730.00
August 12th	Rochester (Horizon)	CCA163	PowerFlex 700 Vector Control Maintenance and Troubleshooting	\$730.00
Sept. 22nd - 24th	Rochester (Rockwell)	CCN142	RSLogix 5000 Level 4: Motion Programming Using Ladder Logic	\$1,460.00
Sept. 29th - Oct. 2nd	Rochester (Horizon)	CCV204	FactoryTalk View ME and PanelView Plus Programming	\$1,825.00

To Sign Up for any of these classes, students can:

- ▶ Register online at www.HS-e.com/Training, use the "Register Now" links
- or
- ▶ Contact Emily Griswold (with Horizon Solutions) at (585) 274-8209 or EGriswold@HS-e.com

Register today - Seats are limited!