

Presented by Horizon Solutions and Rockwell Automation

**CCP146: RSLogix5000 Level 1
ControlLogix System Fundamentals**

This 2-day course will help students develop and build a solid foundation of knowledge of ControlLogix and other Logix5000 systems. The only prerequisite for CCP146 is the ability to perform basic Microsoft Windows tasks. This course provides great hands-on practice, and students will create and modify their own projects!



**CCP153: RSLogix5000 Level 3
Maintenance and Troubleshooting**

This 4-day course builds on fundamental knowledge of common controller terms and operation to provide the necessary resources to efficiently troubleshoot a previously operational ControlLogix or other Logix5000 system. The course adds tasks such as connecting to a network, interpreting project execution, an editing ladder logic online to students' existing skill sets.

**CCCL21: RSLogix5000 Level 2
Basic Ladder Logic Interpretation**

This 2-day course will help students achieve a basic understanding of RSLogix5000 ladder logic instructions and terminology, and provides the resources and hands-on practice required to efficiently modify basic ladder logic instructions for a Logix5000 controller. CCCL21 is designed for students who have little or no practical experience with controllers.



**CCP143: RSLogix5000 Level 3
Project Development**

This 4-day course builds on fundamental knowledge of common controller terms and operation to give students a deeper understanding of project development tasks that are common to all Logix5000 controllers. Such tasks include organizing tasks and routines, organizing controller data, configuring modules, and sharing data.

**CCP151: RSLogix5000 Level 2
Ladder Logic Programming**

This 2-day course will help students build skills and an understanding of RSLogix5000 ladder logic instructions and terminology. It is designed for programmers who have little or no practical experience with controllers who are responsible for programming Logix500 controllers and using RSLogix5000 software.



**CCN200: Kinetix6000
Maintenance and Troubleshooting.**

This 2-day course is intended to provide students with the knowledge and skills required to diagnose common problems on a Kinetix6000 system. Building on Motion Controls fundamentals, students will learn how to maintain and troubleshoot a multi-axis motion control system and will practice identifying faults related to both hardware and software.

**CCP152: RSLogix5000 Level 4
Function Block Programming**

This 2-day skill-building course will provide students with an understanding of RSLogix5000 function block diagrams and terminology. Students will also have an opportunity to use software and perform software tasks to meet the requirements of a given function specification, as well as creation of function block diagram programs and routines.

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 website:

<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 |
|------------------|----------|--------|---|------------|
| April 7th - 8th | Portland | CCP146 | RSLogix5000 Level 1: ControlLogix System Fundamentals | \$1,095.00 |
| April 9th - 10th | Portland | CCCL21 | RSLogix5000 Level 2: Basic Ladder Logic Interpretation | \$1,095.00 |
| May 5th - 6th | Portland | CCP151 | RSLogix5000 Level 2: Basic Ladder Logic Programming | \$1,095.00 |
| May 7th - 8th | Portland | CCP152 | RSLogix5000 Level 4: Function Block Programming | \$1,095.00 |
| June 2nd - 5th | Portland | CCP153 | RSLogix5000 Level 3: ControlLogix Maintenance and Troubleshooting | \$1,825.00 |
| July 14th - 17th | Portland | CCP143 | RSLogix5000 Level 3: Project Development | \$1,825.00 |
| August 4th - 5th | Portland | CCN200 | Kinetix6000 Maintenance: Troubleshooting | \$1,095.00 |

Promo: Fundamentals Training + One!

Attend a Rockwell Automation Fundamentals class and receive a discount on your next training class. After attending a Fundamentals class, you have thirty days to enroll in a second class to receive the discount. Rockwell Automation will automatically reduce your second class tuition by \$365 or one less training voucher.

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

- ▶ Register online at www.HS-e.com, under the "Training" section
- or
- ▶ Contact Robin Wallace (with Horizon Solutions) at (207) 797-9466 or RWallace@HS-e.com

Register today - Seats are limited!