



Title: **Level 1 & 2 Skills for ControlLogix Using RSLogix5000 – Discrete and Analog Signals**

Number: **C1540**

Length: 5 days – fast paced “boot camp” format

Overview: Our most popular course for the CLX-5000 platform. A solid, nuts-and-bolts, hands-on course designed specifically for maintenance technicians. Covers basic ControlLogix hardware, principle features of RSLogix5000 software, and basic techniques for working with both discrete and analog signals. Students learn how to analyze and interpret ladder logic and how to monitor the PLC program as an aid to troubleshooting equipment problems. Basic entry-level programming skills are covered but this course is not intended to be a programming class. **The primary objective is to minimize equipment downtime by improving each student’s knowledge of PLCs and by developing effective troubleshooting and problem-solving skills.**

Our unique **Problem/Solution** teaching method eliminates boring lectures and instead uses realistic tasks to keep each student actively involved in learning skills which are required on the job. Small class size with **only one student per workstation** allows the instructor to coach each student over-the-shoulder. By working independently, each student obtains the maximum benefit from the class regardless of previous experience and skill level.

Instead of pre-canned scripted labs, each hands-on exercise presents realistic tasks which require the student to recognize problems and then to systematically work out solutions. This class effectively develops the **problem-solving skills** which other training methods neglect.

Although this is not intended to be a programming class, it makes an extremely effective “first step” course for students who plan to become programmers. This course provides in-depth coverage of how the PLC handles field inputs and outputs, and a step-by-step analysis of the processor’s scan cycle. These are critical concepts required for effective programming.

Topics: Please see detailed course specifications sheet.

Students: Maximum 6 per class. Only one student per workstation.

Date: Check our latest online schedule - or just contact us and tell us when you’d like to attend. We can easily schedule a class to meet your needs.

Cost: \$2250 per student

All of our courses are covered by our **100% money-back guarantee**. You’ll be satisfied with the results of our training or you won’t have to pay for it. Period.

Location: Ron Beaufort Training, LLC                      Bank of America Building  
5900 Core Avenue, #102                              Charleston, SC 29406

On-site training is also available. Please contact us for details.

Contact: For more information or to register, please contact us at:  
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843-225-0512    - fax  
ronbeaufort@gmail.com                              - email