Cost Comparison

To "approximate" the content that we provide in our ControlLogix training program it would take 4 Rockwell classes and 10-days away from the work. And...

- There are no handbooks to take home—view only PDF
- There is no "rewind" button
- Is the instructor only reading the PowerPoints?
- Is the instructor a good "instructor"?
- How do you know that your technicians learned?...is there proof? ...because there are no test or quizzes
- The cost is over \$9,500—for one person and 10-days out
- How can your technicians review/refresh the materials? ... Are they going to forget the class in two weeks?

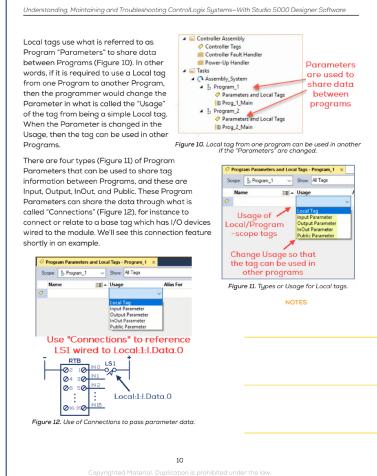


STUDIO 5000™ LOGIX DESIGNER LEVEL 3: BASIC LADDER LOGIC INTERPRETATION	COURSE #: CCL21
Programmable Controllers In Person Multiple Sessions Available	\$2,200.00
This course is a skill-building course that provides you with a more detailed understanding of Studio 5000 Logix Designer® ladder logic instructions and terminology. This course also	2-day
provides you with the resources and hands-on practice required to interpret ladder logic	

STUDIO 5000™ LOGIX DESIGNER LEVEL 2: CONTROLLOGIX MAINTENANCE AND TROUBLESHOOTING	COURSE #: CCP153
Programmable Controllers In Person Multiple Sessions Available	\$2,990.00
Upon completion of this course, you will be able to troubleshoot a previously operational ControlLogix® system and restore normal operation. This course adds to your skill set by introducing new tasks such as connecting to a network, interpreting project execution,	4-day

Understanding, Maintaining and Troubleshooting ControlLogix Systems -with The Studio 5000 Designer Software-

Module 1 Introduction to the ControlLogix—General Structure, Number Systems, and Basics of Boolean Logic Module 2 ControlLogix Hardware Composition, I/O Structure and Architecture—Introduction to Tags Module 3 Navigating the Studio 5000 Software and Creating, Opening and Understanding Projects Module 4 Connecting to the Controller-Establishing RSLinx Connection to the Network Module 5 ControlLogix Project Organization and Frequently Used Tag Structures Module 6 Troubleshooting Ladder Diagram Logic in the ControlLogix System Module 7 Creating and Editing Tags and Code—Documenting Troubleshooting Changes Module 8 Troubleshooting Using the Studio 5000 Software—Using I/O Forcing and Toggling Functions Module 9 Troubleshooting ControlLogix Hardware—Discrete and Analog I/O Module 10 Troubleshooting Remote I/O, Controller and Power Supply—Using the Trend and Compare Tools to Troubleshoot



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TrainingProgram

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Module7–Creating and Editir	ng Tags and Code–Documenting Troub	leshooting Changes
tag status ON or OFF, b to another (Figure 13). T change during the exec When the tag is "Conne input from a module ba not change during exec the asynchronous I/O o	age passes data, for example by value from one Program "he value passed does not ution of that Program scan. cted", or like-aliased, to an se tag the value of the tag will ution of the Program due to peration. This avoids for the "freeze" the inputs, or buffer ram scan.	Motor_1 is "Connected" to Local.0:O.Data.0 Program_1 Motor_1 Program_2 Program_2 Motor_1 Figure 13. Input parameter Local tag
value of LS1 at the begin the tag value will not ch The value of LS1 is sort to the end of the progra change, for instance fro the LS1 status in the co	I.Data.O (Figure 14), and the nning of the program scan is 1, ange during the program scan. of frozen from the beginning m scan-any asynchronous m logic 1 to 0, will not affect	LS1 is "Connected" to Local:1:1.Data.0 LS1 Local:0:1.Data.0 LS1 Local:0:1.Data.0 Program_2
result of the Program ex an output (Figure 15). W to Output Parameter th not change until the end like in the Input Parame tag Usage is changed t tag is "Connected" to ar allows the programmer	Arrive and the start of the security of the start of the security producing Area tag Usage is changed the value is passed and does d of the Program scan. Again, iter, when a Local output the output Parameter and the no output from a base tag, it to avoid implementing output subputs until the end of the	Figure 14. Input parameter Local tag "Connected" to Local:1:1.Data.0. Motor_1 is "Connected" to Local 0.0.Data.0 Program_1 Local tag
Program scan. Figure 15. Output parameter Local tog "Connected" to Local:0:0.Data.0.	Program Parameters and Local Tags - Program, 1 × Scope [], Program, 1 × Scope [], Program, 1 × Scope [], Program, 1 × Coll Tags Local Tags Local Tag Local Tags L	Motor_1 Output Program_2 Motor_1 +
	11 pyrighted Material. Duplication is proh	ibited under the law.

Typical comprehensive page from handbooks. (click page to enlarge)