Technicians Guide to Programmable Controllers

Richard A. Cox
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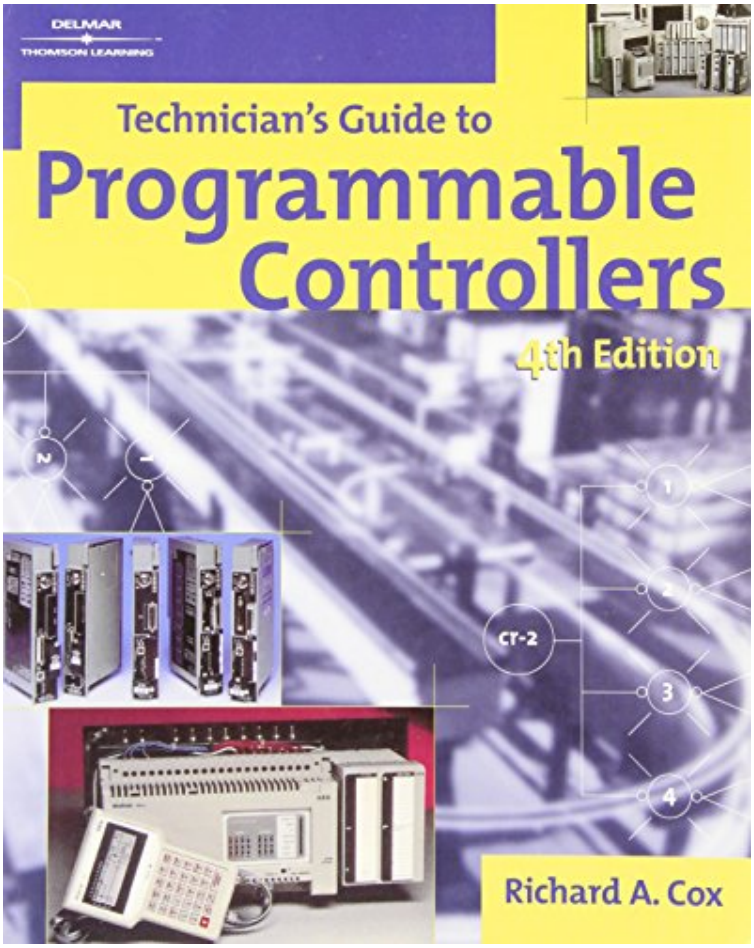

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Richard A. Cox : Technicians Guide to Programmable Controllers before purchasing it in order to gage whether or not it would be worth my time, and all praised Technicians Guide to Programmable Controllers:

2 of 2 people found the following review helpful. A GodsendBy Patrick JonesSo, I'm an old guy. I worked for many years in the nuclear industry, where only the very newest plants were started with PLCs or the very oldest plants have been back-fitted (but not the plant where I worked). I left that industry, and started working in the wood products industry, where there are PLCs EVERYWHERE, and I'm a day late, and many dollars short. I was in training with another old guy, but he died, and left me on night and weekend shifts by myself. I got this book hoping it would help me. AND HELP ME IT DID!Many has been the time when I had no idea what I was looking at, and having this book in one hand while I was troubleshooting on the computer with the other made it possible for me to understand what was happening. Thanks to this book, I'm considered one of the stronger PLC guys in my plant. It centers on the A-B PLC-5 with explanations of Modicon and other PLCs. But the principles are universal. And understand the somewhat older PLCs make learning the newer, more complex PLCs much easier.21 of 23 people found the following review

helpful. Clear and concise with practical information for beginnersBy Larry B.I used this book to train industrial electricians and recommended it in the PLC course I designed at Coyne American Institute in Chicago in 1989. They still use the book along with a lab manual and Allen Bradley PLC's in the electrical maintenance course. I reviewed other books and felt this one was the right choice for the length of course, training level and content. It is clearly written with hardware and instruction set examples from various PLC manufacturers, troubleshooting, number systems, start-up hints and some useful general computer information. Also included is a chapter on understanding MS-DOS commands-very handy for people (a lot of them around) with no computer background except a point-and-click once in a while. The soft cover format, number of pages (372) and size make it easy to carry and throw in a brief case. If you are learning PLC's for the first time, this is a good place to start. If I was going to add anything to it for the next edition, I would include things like data highway, serial communications, remote displays and PID loop. Maybe a little more about programming details involving analog I/O would be nice.7 of 8 people found the following review helpful. A good reference for PLC beginners.By PutterI used this book with great success in the course, Introduction to Programmable Logic Controllers, which I developed for a leading aircraft manufacturer. This book was recommended reading prior to attending other PLC courses offered in my training business.

One of the most popular books available today, Technician's Guide to Programmable Controllers, 4th Edition includes complete explanations, examples readers can relate to, plus a writing style well-suited to electrical students as well as journeyman and apprentice technicians, make. Its systematic approach enables readers without prior knowledge to gain a comprehensive understanding of what a programmable logic controller is, how it works, plus how it is programmed and installed. Numerous and varied troubleshooting techniques are also introduced, making this book a valuable reference for professional maintenance electricians and plant engineers. Fully updated, the fourth edition now reflects use of personal computers for programming devices, including detailed programming information on both the Allen-Bradley SLC-500 and the MicroLogix family of programmable logic controllers. Supplemental information on logic gates has also been added to assist readers in gaining an understanding of programming and the symbols used.

About the AuthorRichard A. Cox is the Executive Director of COXCO Training and Consulting in Spokane, Washington and is a retired member of the Electrical/Robotics Department at Spokane Community College. He holds a Bachelor of Science degree from the University of the State of New York, a Master of Science degree from Eastern Washington University, and is also a retired member of the International Brotherhood of Electrical Workers, Local 73.