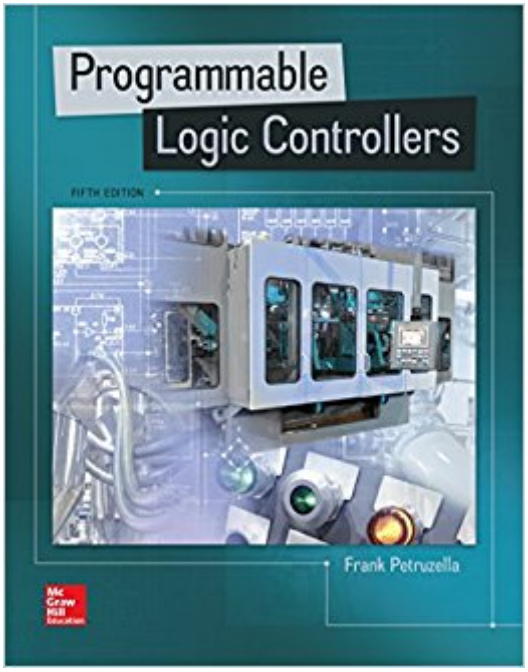
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Programmable Logic Controllers



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Synopsis

Programmable Logic Controllers continues to provide an up-to-date introduction to all aspects of PLC programming, installation, and maintaining procedures. Improvements have been made to every chapter. The content, applied programming examples, instructor/student resources (including lesson PowerPoint presentations with simulated PLC program videos), test generator, LogixPro lab manual, and activities manual. With this edition, students and instructors also have access to McGraw-Hill Education's digital products - Connect and SmartBook, for the first time!McGraw-Hill Education's Connect, is also available as an optional, add on item. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that class time is more effective. Connect allows the professor to assign homework, quizzes, and tests easily and automatically grades and records the scores of the student's work. Problems are randomized to prevent sharing of answers an may also have a "multi-step solution" which helps move the students' learning along if they experience difficulty.

Book Information

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Customer Reviews

Frank D. Petruzella has extensive practical experience in the electrical control field, as well as many years experience teaching and authoring textbooks. Before becoming a full time educator, he was employed as an apprentice and electrician in areas of electrical installation and maintenance. He

holds a Master of Science degree from Niagara University, a Bachelor of Science degree from the State University of New York College - Buffalo, as well as diplomas in Electrical Power and Electronics from the Erie County Technical Institute.

This was required text for an Electronics Course. I have read the author's textbook on Motor Control (Electric Motors and Control Systems)and just like it, this text is a great overview of the subject. The text is well written and formatted. If you have read his motor control book then Chapter 6 of his PLC book will look very similar, DÃƒÂ©jÃƒÂ vu will overcome you. Well, he pretty much copied alot of the info from Ch 4 of his Motor Control Book (illustrations and all)! I can't fault Mr. Petruzella for that since the same material crosses over and he did an awesome job of tackling it the first time, if it ain't broken, don't fix it. This caused some good banter in class. Anyways, this is a great text on the subject matter and once again I Aced the class it was required reading in.

I agree with the other reviewers. This book starts with the basics and is very clear, easily understandable. I've just started teaching Mechatronics at a community college and reviewed several textbooks. One that the previous Program Director selected was way too complex. They were talking about baud rates in the 1st Introductory chapter. That should be like Chap 8 or 9. This book does not do that. Mr. Petruzella starts off simply, using every day words. I've selected the newer 5th Edition to teach my students, both high schoolers and 1st year college students. I just wished he had written a book for Introduction to Mechatronics. His writing style is very good, very understandable.

This is very good book to learn PLC.Very well organized.Contains a lot of examples of logic diagrams.However, to fully understand it, you need to also understand the hardware. (relay, contactor, starter, ...)Without understanding it, those logic diagrams will be not meaningful to you.

Did what it needed to do for nephew

I bought this book for an introductory PLC class I was taking. I used it later in my Advanced PLC class. It's Allen Bradley based and covers just about everything with the SLC 500 and RS Logix 5000. It's filled with real world examples to help explain the various program commands. I'm not sure I could wire and program an AB PLC just with this book, as it doesn't cover every minute detail of programming, but along with the outstanding Instructor I had, this became an invaluable

reference.

2.5 chapters into this textbook, and I think that it's only slightly easier to read than the newer version. It's cheaper than the fourth edition (go figure), but I ended up getting the international 4E to compliment this. Differences I've found so far are less pictures, and less end of chapter questions (my class assigned homework by question numbers, which did not match). I'll probably keep this for my library after I finish the class since it's so cheap, and also hardcover.

Item as described and on time thanks

Good textbook. Cheaper than the college tried to sell me but the same one.

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