PLC 101

Basics of Programmable Logic Controllers

This basic introduction to PLC's will provide you an understanding of the basics of PLC's, ladder logic programming and I/O basics. Hands-on training will also be provided for basic ladder logic programming using Studio 5000 and Rockwell Automation Logix controllers

- February 26, 8:30 AM to 4 PM
- $650 per person
- Location: Rexel Santa Clara
          540 Martin Ave, Santa Clara
- Please bring your laptop (if possible)

AGENDA

8:30 AM – 12:00 PM
Overview of controller hardware and architectures
Basics of inputs and outputs (analog, discrete, maintained vs. momentary, etc.)
Basics of ladder logic programming
How to setup ladder logic
Understanding how I/O translates into ladder logic symbols
Basics of instruction blocks and how simple instructions (Timers, Counters, etc.) work

12:00 PM – 12:30 PM
Lunch

12:30PM – 4:00 PM
Basic programming lab using Studio 5000 and Logix controllers
Creating ladder logic and tags within Studio 5000 editor
Creating simple instructions within ladder logic
Forcing I/O and simulating programs to show functionality
Showing differences between programming and online modes of operation

Please inquire with your Rexel Services Specialist about a quote for the class

Please click the QR code for more information about out training classes:

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