Automation and Controls Training

Get hands-on experience with state-of-the-art tools.

Summer 2024

June 10-14, 2024 or August 5-9: 8:30 a.m.-5:30 p.m.
VCU College of Engineering, Downtown Richmond, Monroe Park Campus

Looking to enhance your skills in manufacturing and process control? Join our introductory summer training, led by expert instructors from **VCU's College of Engineering**, and dive into the world of **Programmable Logic Controllers (PLC)**. In this training, you will learn the basics of PLC operation, interfacing PLCs to sensors and actuators and programming PLCs for basic control tasks. Hands-on lab exercises using state-of-the-art Allen-Bradley PLC controllers and Rockwell PLC programming software will reinforce your learning.

VCU College of Engineering

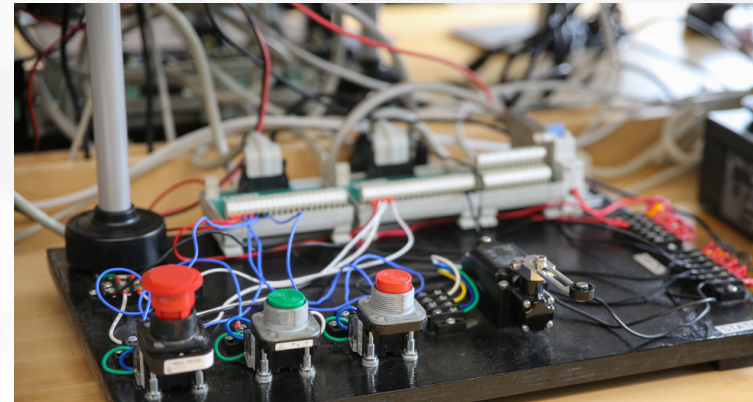**VCU** Continuing and Professional Education

Who should take this course?

If you are an engineer, technician, or supervisor who works in the area of industrial automation, and are seeking fundamental knowledge of PLCs, including how they are deployed, programmed or operated, then this noncredit course is for you! A degree in engineering is helpful, but not required.

Course Highlights:

- Industrial Automation History
- Introduction to PLCs
- PLC Programming
- Interfacing Field Devices
- Motor and Motion Control
- Real-world Applications
- Personalized Instruction

To explore the full range of topics covered in our training, simply scan the QR code provided or visit our website.

Scan for Inquiry Form:

Take the next step.

Take advantage of our **$200 early bird discount by registering 30 days before the start date.** Your registration fee includes comprehensive instruction, all necessary materials, convenient parking on the VCU campus, a snack break and meal at each session, 4.00 CEUs (at no additional cost), a certificate of completion, and a digital badge. Registrants can use professional development funds to cover the training cost, and we offer invoicing for those participants. For inquiries about discounts available to VCU College of Engineering students, VCU graduates, and companies enrolling multiple employees, please contact us at **ocpe@vcu.edu** or call **(804) 828-1322**.