



**O&M Consulting  
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# IE04 Introduction to Programmable Controllers 3-Day Seminar

**Cost:** \$875.00 includes all seminar fees and student text. (For on-site, call us for price quotes)

**Prerequisites:** AC/DC Theory

Programmable logic controllers (PLCs) are increasing in use and all PLC technicians must be familiar with the fundamentals of installing, programming and troubleshooting. This seminar provides a solid foundation in PLC theory, installation, programming, operation, and troubleshooting.

**Seminar Outline:**

- PLC and Electrical Safety
- Electrical Principles and PLCs
- Electrical Circuits and PLC
- PLC Hardware
- PLC Programming Instructions
- Programming PLC Timers and Counters
- PIC and System Interfaces
- PLC Installation and Setup
- PLC and System Maintenance
- Troubleshooting Principles and Test Instruments
- Test Instruments
- Troubleshooting PLC Hardware
- Troubleshooting with PLC Software

**IE04-1207**