Programmable Logic Controllers: Programming a PLC System

Duration: 30 mins  Level: Intermediate  Pass mark: 80%

Course Description:

Programming a PLC system provides the basic technical skills and knowledge necessary to work with programmable logic control systems typically found in an industrial or manufacturing environment. This interactive online course is designed to equip the novice with little or no prior PLC programming experience with the basic tools necessary to create a complete PLC program using ladder logic common to most current platforms. Upon completion, you will be able to use programmable logic controllers to solve machine and process problems. A systems approach to PLC programming training is used because the programmable logic controller is one major component of larger manufacturing systems.

Learning Objectives:

• Describe the operation of timers and counters
• Differentiate between the four fundamental types of timers
• Describe the functions that extend basic ladder logic to allow other types of control
• List good programming habits