

PLC Basics and Troubleshooting

This hands-on course is aimed at entry-level technicians who may be involved in the assembly, testing, start up, troubleshooting, maintenance, repair or upgrade of basic machinery modules. It covers the principles and applications of different types of logic and programming used to control machinery and systems. Topics include hardware and software composition of control systems, input/output interfacing, basic logic commands and common programming instructions. There is additional emphasis on common programming tasks and troubleshooting PLC based systems.

Knowledge of relay logic, ladder programming and input/output devices is needed to understand and maintain all types of common packaging equipment.

Competencies covered in this course include:

- Operation of a PLC
- Memory Organization and Addressing
- Discrete I/O Interfacing
- Function and Use of Monitoring Devices
- Basic PLC Logic, Timer and Counter Instructions
- Basic PLC Motor Control, Sequencing and Machine Applications
- Troubleshooting PLC-Based Systems, Hardware and Software

Fee: \$1,520

Location: Advanced Technology College
1770 Technology Blvd.
Daytona Beach

Register today!

Seating is limited.

Registration: To register, contact Joanne at (386) 506-4224 or ParkerJ@DaytonaState.edu. We accept checks, credit cards (MasterCard, VISA), purchase orders or company billing for payment.



Starts: Tuesday, May 26

Ends: Friday, May 29

Time: 8 a.m.-5 p.m.



Center for
Business & Industry
www.theCBI.com



**DAYTONA
STATE COLLEGE**



DaytonaState.edu

A MEMBER OF THE FLORIDA COLLEGE SYSTEM

Daytona State College prohibits discrimination and provides equal opportunity in employment and education services to all individuals without regard to age, ancestry, belief, color, disability, ethnicity, genetic information, gender, marital status, national origin, political affiliation, race, religion, sex and veteran status.