



INCREASE YOUR INDUSTRY AND PRODUCT KNOWLEDGE

FUNDAMENTALS OF PROCESS CONTROL

Course Overview

Course number: PID-0001

Duration: 1 Day- 8:30 - 5:00

Amount: \$150.00 per student

Included: Lunch and Text Book

Dates: Wednesday December 1, 2021

Location: 2710 East Kemper Rd,
Cincinnati OH 45241

The course will provide the students with the following:

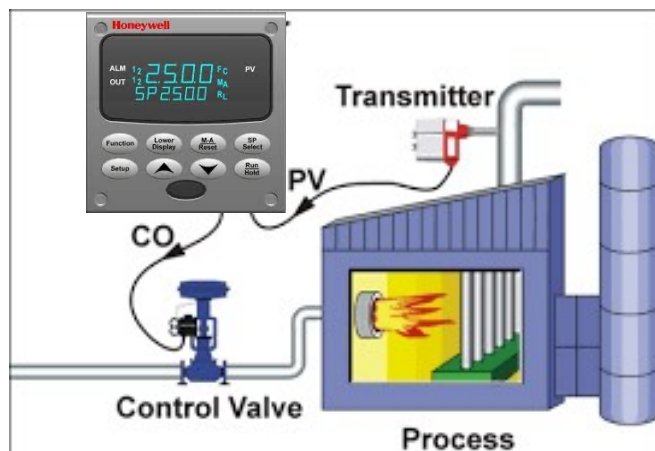
- Identify Key Elements of a Control Loop
- Ability Troubleshoot and Diagnose
- Basics of Process Measurement and Control

The course includes hands-on lab exercises where students will configure and tune a PID loop controller.

The course is divided into two sections. The first 4 hours will be dedicated to teaching the students about the fundamentals of PID and key components which make up the PID Loop. The second part of the day the students will participate in lab type exercises.

Course Delivery Options

This course will provided in a classroom setting at our Cincinnati Branch. Upon request this class can also be offered at the customer site.



Perequisite/Skill Requirements

Prerequisite Course(s)

- None

Course Topics

- PID Loop Fundamentals
- Control Loop Sensors
- Final Control Elements
- Basics of Tuning a Control Loop
- Control Loop Output Types
 - Position Proportional Loop
 - Current Proportional Loop
 - Three Position Step Controls Loop
 - On-Off Control Loop
- Wiring Honeywell UDC Controller
- Honeywell UDC Controller Configuration

Additional Training

To increase your knowledge and skills, there are additional courses available from Loy Instrument, Inc. which include the following:

- Flame Safety Combustion
- Modbus Industrial Communications
- Modular Systems

**For more information and to register please email or call
Jasmine Caddell at:**

1-513-344-9926

jcaddell@loy-instrument.com

Cincinnati Office

Phone: 513) 344-9926

jcaddell@loy-instrument.com