



Course 9007 CEUs: 2.8

This **Fisher Controls** course is for managers, engineers, technicians and others that have little or no process experience. Those in support areas will benefit from this course. A good course for those interested in advancing in the fluid processing industry, and those preparing for ISA or other certification examinations.

Overview

This 4-day course provides those new to the field with the basic process controls knowledge they need to further their careers. All major aspects of process control (meas. devices, controllers, final control elements, and fundamental control methods) are covered by classroom presentations and laboratory exercises that are intended to familiarize students with the function and application of the wide variety of equipment commonly found in process plants. The end goal of the course is to raise the levels of skill and confidence of persons with limited experience in process plants.

Prerequisites Some experience with process measurement and control may be helpful, but is not required. This is an introductory course.

Topics

- Process Control Terminology
- Process Loop Introduction
- Measurement Instrumentation for:
 - Flow, Level, Temp
 - Pressure, Chemical Analyses
- Instrument Calibration Concepts
- Final Control Elements
 - Control Valves, Actuators
 - Control Valve Instrumentation
- Introduction to Loop Dynamics, Tuning and Control
 - Proportional Control
 - Integral Control
 - Derivative Control
 - Ziegler-Nichols Tuning
 - Lambda Tuning

Course Location Control Dynamics
201 Wylderose Dr.
Midlothian, VA 23113

Sponsored By Control Dynamics

To Enroll or for More Information Contact Connie Goodman (804) 858-5800 or e-mail Connie.Goodman@Control-Dynamics.com

Course Dates April 28-May 1, 2009 (Session #0027)

Registration Deadline 2 weeks prior to course date

Price \$2,100 USDL

Purchase order or payment is required at the time of enrollment. PO, checks & credit cards acceptable and made payable to **Control Dynamics**.

Cancellations: If your plans or budgets change, you may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation charge. Limited enrollment makes it necessary to charge 50% of the full tuition for cancellations received during the 14 days prior to the start of the course, and full tuition for failure to attend without canceling. Substitutions are accepted until the first day of class.

Providing Training with the Latest in Process Control Methods & Technology!

Enroll Today- Enroll Right Now- Seating is Limited.

**Please Call: Connie Goodman 804/858-5800 or
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