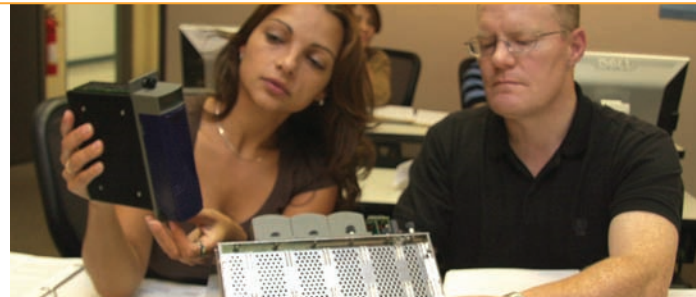


## COURSE DESCRIPTION

The ControlWave® Gas Measurement course provides students with a thorough understanding of configuring the ControlWave® GFC, EFM, and XFC Flow Computers for single or multiple-run gas measurement.

Being a hands-on course, students will use TechView to collect historical logs, calibrate internal and external pressure sensors, and gain troubleshooting techniques for real world applications.



*Ensuring customer confidence through knowledge of Bristol® products and applications.*

## COURSE FEATURES

- Understand the basic hardware construction options
- Learn how to apply trouble-shooting techniques
- Learn to perform firmware updates and flash configurations
- Utilize the various tools for configuration, including TechView and LocalView for:
  - Calibration/ Configuration
  - Signal Data/ Log Collection via DataView
  - Collection of Logs
  - Writing Saving Configurations
  - Flow Simulation
  - I/O Configurations

## WHO SHOULD ATTEND

- Personnel responsible for the installation, wiring, start-up, configuration and maintenance of ControlWave gas flow computers
- An individual who seeks a more thorough understanding of the ControlWave® flow computer family of products

## PREREQUISITES

The following are suggested, not mandatory:

- Participants should have a working knowledge of their application/process
- Participants should be familiar with Windows 2000/ XP or later versions and possess a general knowledge of gas measurement and production

## REGISTRATION

To register for this training course, complete the enrollment application on our website: [www.EmersonProcess.com/Remote](http://www.EmersonProcess.com/Remote).

For further information for classes in Watertown, Orlando, custom classes, or general training info:

Evelyn Bellefeuille  
Watertown, CT  
1-860-945-2343 or 1-800-395-5497 toll free within the United States

## COURSE AGENDA

### DAY 1

- Gas basics
- Learning hardware options
- Updating firmware
- Downloading program file
- Configuring using TechView
- Configuring measurement runs
- Simulating gas flow
- Configuring gas composition

### DAY 2

- Calibrating ControlWave Pressure Sensor
- Calibrating External 3808 Transmitters via ControlWave
- Collecting config changes in Audit Log
- Configuring pressure sensor options
- Setting alarm limits
- Configuring 3808 Transmitter
- Configuring 2 run application with external transmitter

### DAY 3

- Configuring recipe list
- Editing Lists
- Troubleshooting