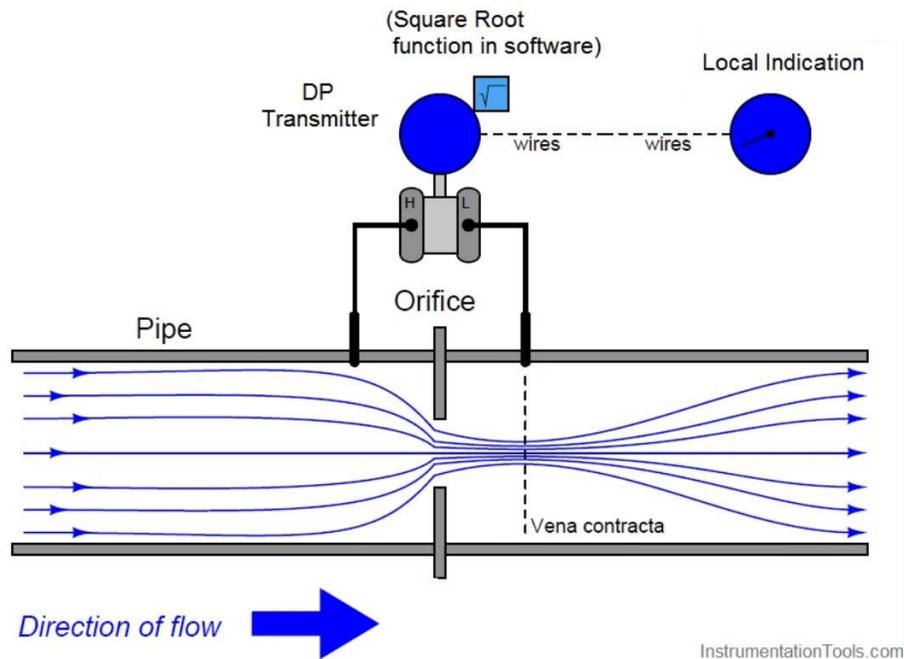




**Gulf Coast Training Institute (GCTI)**  
**219 West Defee Ave.**  
**Baytown, TX 77520**  
**(832) 926-4717**  
**[info@gctitraining.com](mailto:info@gctitraining.com)**



# Basic Instrumentation

**Cost:** \$4160 per person

**Location:** GCTI and other potential locations

**Meals provided:** breakfast & lunch

## Description:

The Basic Instrumentation course starts by providing maintenance and engineering personnel with a review of instrumentation technologies, terminology, and symbols needed to work in the field. Understanding P & IDs and basic wiring techniques are covered along with instrument outputs. Students will be exposed to a variety of instruments, including; Level, Flow, Pressure, Temperature, and Control Valves. Students will participate in a troubleshooting workshop and conduct loop check outs. The course combines classroom and hands-on training on the GCTI Advanced Process Training Units with online instrumentation and controls.

**Length:** 4 day course

**Time:** 9:00 AM - 4:30 PM

**Specific topics covered:**

- Differential Pressure Transmitters
- Pressure Transmitters
- Temperature Transmitters
- Control Valves
- Understanding P&IDs
- Setting up and commission of current instrument technologies
- Using on-board HMI displays to configure and verify health of instruments and output signal

**2026 Course offerings (all times are 9:00 a.m. to 4:30 p.m.):**

May 4<sup>th</sup> – 7<sup>th</sup>

Aug. 3<sup>rd</sup> – 6<sup>th</sup>

Nov. 2<sup>nd</sup> – 5<sup>th</sup>

**To register, visit [www.gctitraining.com](http://www.gctitraining.com) and click on the Register Today button.**