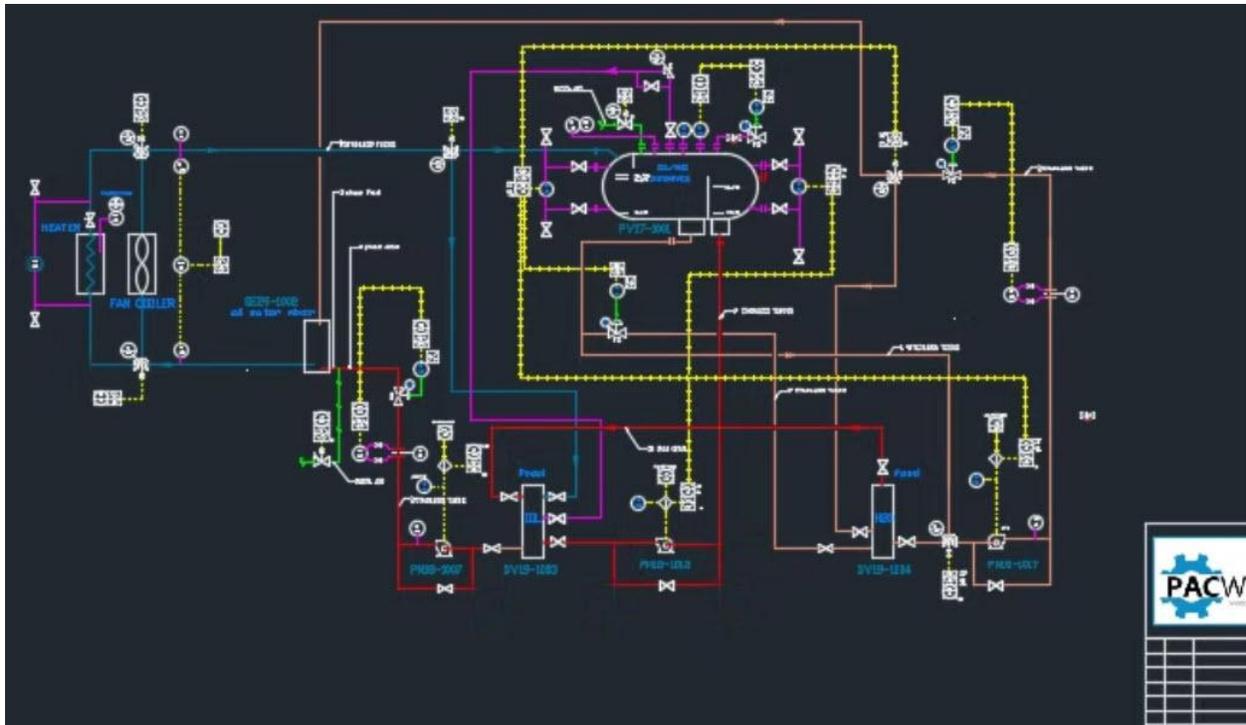




Gulf Coast Training Institute (GCTI)
219 West Defee Ave.
Baytown, TX 77520
(832) 926-4717
info@gctitraining.com



Loop Check & Troubleshooting

Cost: \$4160 per person

Location: GCTI and other potential locations

Meals provided: breakfast & lunch

Description:

This Loop Checkout and Troubleshooting Course will start by providing maintenance and engineering personnel with a basic understanding of control loop fundamentals and basic process control theory. Following this introduction, instrument loop drawings will be studied in detail with a review of Pipe & Instrument Drawings. Next is a discussion of loop calculations needed to checkout and troubleshoot control loops, followed by actual hands-on exercises in the PTU. The Advanced hands-on portion of the course begins with a review of test equipment used in loop checkout and troubleshooting, which is followed by basic and advanced hands-on exercises in the PTU.

Finally, methodologies for loop troubleshooting will be explored, followed by basic and advanced loop troubleshooting exercise in the PTU. Students must be familiar with basic instrument configuration as a prerequisite for this class. The course combines classroom and hands-on training on the GCTI Advanced Process Training Units, a scaled down working process skid with online instrumentation and controls.

Length: 4 day course

8 day course available. Contact GCTI for details.

Time: 9:00 AM - 4:30 PM

Specific topics covered:

- Fundamentals of test equipment
- Loop Calculations
- Control Loop Fundamentals
- Loop Drawings and P&ID's basics
- Inputs and Outputs to PLCs and Controllers
- Basics of Process Control
- Basic loop check-out
- Basic and Advanced Loop troubleshooting

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

April 13th – 16th

June 8th – 11th

Sept 7th – 10th

Nov 16th – 19th

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To register, visit www.gctitraining.com and click on the Register Today button.