

NGC8200/PGC1000 Level One - Z922

Two-Day Virtual Training, 8:00 am - 4:00 pm (CDT)



Course description

This remote course will instruct the student in the basics of installation and operation of the NGC/PGC1000 gas chromatograph.

Basic knowledge of gas analysis and chromatography is a prerequisite.

Learning Objectives

Upon completion of this course, the participants will be able to:

- Install hardware
- Install and leak-check sample tubing
- Identify hardware components
- Set up PCCU32 software
- Use PCCU32 software for start up, maintenance, and calibration
- Understand basic Chromatography in the NGC/PGC1000
- Perform historical collection
- Learn analyzer software - loading and backup

Topics

- Equipment installation and setup
- Analysis setup and peak find
- Collecting and saving data
- Flash using the 32-Bit Loader
- Reporting
- Calibration
- Validation
- Ethernet connectivity
- Local communication

Course type and methods

This is an instructor-led, virtual course with interactive, online discussions, presentations, and practical exercises on fully functioning equipment, remotely accessed. At least 50% of time is hands-on software operation and lab activities.

Students must have a computer, high-speed internet connection, and webcam. A headset with a mic and a second monitor is recommended.

The latest version of PCCU must be installed prior to class. A link to download PCCU software will be provided prior to class, along with information on the remote connection method. Full admin rights are required to install PCCU.