

HPLC TRAINING COURSES / CLASSES:

Courses are offered at your facility, using your own instrumentation. Since each scientist's own HPLC systems are configured and setup differently, you learn practical skills which directly apply to your samples, your methods and your specific instrument. This maximizes the value of the training provided. All courses are "hands-on", limited to no more than eight participants and teach practical instrument knowledge in a number of different areas. Chiralizer is not affiliated with Agilent Technologies or any other manufacturer so you will receive completely unbiased, expert information, hints and tips which will allow you to instantly upgrade your chromatography skills. Course prices are based on: location, number of individuals attending, topics covered and course level. Custom courses, designed to suit your exact needs, can also be quoted. Please email/phone us for more information.

Some of our more popular HPLC and UHPLC courses include:

HP / Agilent ChemStation Operation For HPLC:

- A 2-day, basic to intermediate level overview of the software and hardware features (includes review of the most popular Hardware modules (for either a 1050, 1090, 1100, 1200, 1260 or 1290 HPLC), detailed instrument set-up tips, method creation & editing, sequences, report styles, simple automation, calibration tables, DAD spectral features, peak purity, bandwidth, reference wavelengths, settings and common maintenance procedures (PM's). [CS-2001](#).

HP / Agilent ChemStation Operation For HPLC (Advanced):

- One day overview of special features to sharpen your skills. Includes more advanced troubleshooting, optimization and operation of your HPLC and computer data system, automating calibration procedures, method optimization, use of Performance Reports, automating methods through the Sequence Table, special DAD tools, special diagnostic tests. [CS-2002](#).

HP / Agilent ChemStation Operation For HPLC (Mini-Course):

- A one day version of our CS-2001 course. An introductory overview of the hardware features of either an HP 1050, 1090, 1100, 1200, 1260 or 1290 series HPLC system, method creation, method editing, naming, sequence parameters, report styles, DAD spectral features (i.e. bandwidth, reference, sample rate) and basic maintenance/service procedures under ChemStation software. [CS-2003](#).

HP 1050/1090/1100/1200/1260/1290 Diode Array Optimization {HP ChemStation Topics}:

- Use of the diode array detector in method development. Includes an overview of ChemStation set-up and optimization for specific applications and sample types. Advanced Peak Purity (The single most misunderstood function), Use of reference wavelengths, proper flow cell, slit and wavelength selection as well as library searching are covered. One day. [CS-2006](#).

ChemStation Quantification & Calibration {HP ChemStation Topics}:

- Common procedure used to perform quantitative analysis using the HP ChemStation software. Both the importance of proper method development, operation, automation, when and how to update the calibration table data as well as custom reporting topics are covered. One day. [CS-2008](#).

Automated HPLC Method Development {HP ChemStation Topics}:

- Strategies to improve your method development procedures using either the HP 1050, 1090, 1100, 1200, 1260 or 1290-Series HPLC and/or LC-MSD system for "after hours" or unattended operation. Various instrument add-ons as well as optimization of your existing hardware and software will be discussed that can both improve your daily sample throughput as well as increase the quality of your data. One day. [CS-2010](#).

Chiral HPLC Method Development Strategies:

- Unbiased information (we do not sell HPLC columns!) that will help you develop high quality chiral HPLC methods on your HPLC system. Column, mobile phase selection and automation will be discussed. We are experts in the chiral HPLC method development field. One day. [CS-2014](#).

General HPLC Method Development Strategies:

- Unbiased information (we do not sell HPLC columns!) that will help you develop high quality Reversed and Normal phase HPLC methods on your HPLC system. Column, mobile phase selection and automation will be discussed. One day. [CS-2012](#).

HP 1050 Service and Maintenance:

- Instructions and hands-on demonstrations in how to repair and maintain the HP 1050 HPLC modules. Includes common maintenance procedures such as piston, piston seal, needle, needle seat, rotor seal, flow cell cleaning, lamp testing and replacement, custom diagnostic tests and troubleshooting procedures to keep your instrument operating at peak performance. One day. [CS-2050-3](#).

HP 1090 Service and Maintenance:

- Instructions and hands-on demonstrations in how to repair and maintain the research grade HP 1090L or 1090M series HPLC system. Includes common maintenance procedures such as piston, piston seal, needle, needle seat, rotor seal, flow cell cleaning and repair, lamp testing and replacement, optical switch replacement, wash system, rotary valve, metering pump, HPIB configuration, installation of injector and/or pump upgrades, custom diagnostic tests and troubleshooting procedures specific to DR-5 and PV-5 systems. Note: The 1090 system is one of the most complex HPLC available. Offered in two course versions. One version is for intermediate level users and one is for advanced users (>10 years' experience) and/or service professionals only. One day. [CS-2090-3](#).

HP / Agilent 1100 or 1200 Service and Maintenance:

- Professional instruction and demonstrations at your facility in how to repair and maintain one HP/Agilent model 1100 or 1200-series HPLC system. Includes common maintenance procedures such as piston, piston seal, needle, needle seat, rotor seal, flow cell cleaning and repair, lamp testing and replacement, custom diagnostic tests plus troubleshooting procedures. This is a "hands-on" advanced level client course for experienced users only. One day. [CS-2100-3](#).

Agilent 1260 Service and Maintenance:

- Professional instruction and demonstrations at your facility in how to repair and maintain one Agilent model 1260-series HPLC system. Includes common maintenance procedures such as piston, piston seal, needle, needle seat, rotor seal, flow cell cleaning and repair, lamp testing

and replacement, custom diagnostic tests plus troubleshooting procedures. This is a 'hands-on' advanced level client course for experienced users only. One day. [CS-2260-3](#).

Agilent 1290 Service and Maintenance:

- Professional instruction and demonstrations at your facility in how to repair and maintain one Agilent 1290-series HPLC system. Includes common maintenance procedures such as piston, piston seal, needle, needle seat, rotor seal, flow cell cleaning and repair, lamp testing and replacement, custom diagnostic tests plus troubleshooting procedures to keep your instrument operating at peak performance. Note: This is a 'hands-on' advanced level course for service professionals and/or highly experienced users only. One day. [CS-2290-3](#).

To obtain a formal quote for a training class, please send us an email with all of your contact information (including: Company Name, address, phone #), Course #, Specific Interest/Topics, Available Instrumentation and number of participants).

CHIRALIZER SERVICES, L.L.C.

PO Box 119
Hillsborough, NC 27278 USA

Phone: 1-919-241-4858

E-mail: SALES@CHIRALIZER.COM Web: <http://www.Chiralizer.com>