

2020 Customer Education Online Training Overview

Agilent University



Agilent University

Learn at your own pace anytime, anywhere

At Agilent, supporting our customers is a key priority, and our teams are hard at work to avoid disruptions from the COVID-19 virus while at the same time acting responsibly to do what we can to prevent further spread.

Agilent can support you with digital solution and avoiding any travel in improving efficiency and productivity, and reducing instrument downtime.

Agilent University training is a quick and affordable way, helping you develop a confident, productive staff, and keeping your lab running at peak performance.

Agilent University has hundreds of courses, covering a broad range of topics and expertise levels. You're certain to find skill-enhancing courses for everyone in your lab, in a delivery format to meet your needs.

Your skills transformation starts online!

Virtual courses

Remote Custom Trainings – Customized Trainings based on your laboratory needs and delivered virtually by remote trainers. [Contact us](#) to learn more.

Virtual instructor led trainings – Virtual classroom trainings delivered remotely according to a monthly calendar. [Contact us](#) to learn more.

Online Courses

- Minimize lab disruption, and gives students the chance to learn at their own pace.
- Apply best practices and practical information from Agilent experts to your laboratory.
- Ensure data quality, increase productivity, and stay current with new technologies.
- Easily locate the right courses for your needs through Agilent **Learning Paths**.
- Access special courses such as **Running Start**, designed to get new users up and running quickly.

The following table of contents provides a complete listing of eLearning Courses. The courses are broken down by delivery and instrument technique. Click on your specific technique of interest to view the various product offerings.



eLearning Courses:

- "Gas Chromatography" on page 5
- "Liquid Chromatography" on page 7
- "GC/MS Chromatography" on page 9
- "LC/MS Chromatography" on page 11
- "Spectroscopy" on page 13
- "Software" on page 14
- "Sample Preparation" on page 15
- "Sample Introduction" on page 15
- "Laboratory Practice" on page 15

Online Courses - Tools and options

Agilent University ePass – Agilent University online training has always been convenient and effective, and now ePass unlocks all that training in one affordable subscription. ePass provides unlimited single-user access to all Agilent University online content for 3 months (600 Agilent University Training Credits) or 1 year (1,200 Training Credits). Learn more [here](#).

Cloud Lab – 11 training offering a virtual laboratory environment to make practice on what learned. Learn more [here](#).

Running Start – 22 comprehensive training (11h or more) designed to be productive right away. Excellent for new hires or people needing to start working on a new instrument. Learn more [here](#).

Learning Paths – Learning Paths are helpful guides to Online learning, presented in logical, sequential steps. Click on a Learning Path below, then select the modules that fit your personal learning journey. If you are logged in to Agilent University, the Learning Path will display "Completed" next to those online courses you have already completed. Learn more [here](#).

Technique	Course Name
GC	Agilent 7890 Series GC with OpenLAB CDS
GC	Agilent 7890 Series GC with OpenLAB CDS ChemStation Edition
GC	Agilent 8860 GC with OpenLAB CDS
GC	Agilent 8860 GC with OpenLAB CDS ChemStation Edition
GC	Agilent 8890 GC with OpenLAB CDS
GC	Agilent 8890 GC with OpenLAB CDS ChemStation Edition
GC	Agilent Intuvo 9000 GC with OpenLAB CDS ChemStation Edition
GC	Agilent Intuvo 9000 GC with OpenLAB CDS
GCMS	Agilent 5977 GC/MSD with MassHunter Workstation
GCMS	Agilent 7000 or 7010 Triple Quadrupole GC/MS with MassHunter Workstation
GCMS	Agilent 5977 GC/MSD with MassHunter Workstation
LC	Agilent 1260 Infinity LC Systems with OpenLAB CDS ChemStation Edition
LC	Agilent 1290 Infinity LC Systems with OpenLAB CDS ChemStation
LCMS	Agilent 6400 Series Triple Quadrupole LC/MS with MassHunter Workstation
LCMS	Agilent Ultivo Triple Quadrupole LC/MS with MassHunter Workstation
SPECTRO	Agilent 5110 ICP-OES with ICP Expert
SPECTRO	Agilent Cary 3500 UV-Vis Spectrophotometer with UV Workstation Software
SPECTRO	Agilent 7800/7900 ICP-MS with MassHunter
SAMPLE	Sample Preparation Methods

Online Courses - Complete list

Gas Chromatography

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
GC	Beginner	GC-0GEN-1000s	GC-0GEN-1000s - Fundamentals of Gas Chromatography Video Series	0.4
GC	Beginner	GC-0GEN-1001r	GC-0GEN-1001r - Tech Talks - GC Separation Simplified	0.1
GC	Beginner	GC-0GEN-1001z	GC-0GEN-1001z - Gas Management Best Practices	0.25
GC	Beginner	GC-0GEN-1010r	GC-0GEN-1010r - Tech Talks - Understanding Split Injections in GC	0.2
GC	Beginner	GC-0GEN-1012s	GC-0GEN-1012s - GC Inlets Theory and Operation	2
GC	Beginner	GC-0GEN-1013s	GC-0GEN-1013s - GC Detectors Theory and Operation	2
GC	Beginner	GC-0GEN-1030s	GC-0GEN-1030s - Rules of the Road: What to Consider When Developing a GC Method	1
GC	Beginner	GC-0GEN-1040z	GC-0GEN-1040z - Practical Steps in GC Troubleshooting	1.23
GC	Beginner	GC-0GEN-1050r	GC-0GEN-1050r - Understanding How GC Temperature Programming Works	0.4
GC	Beginner	GC-0GEN-1051r	GC-0GEN-1051r - FID Theory and Operation	0.5
GC	Beginner	GC-0GEN-1070e	GC-0GEN-1070e - Installation, Care and Maintenance of Capillary GC Columns	1
GC	Beginner	GC-0GEN-1071e	GC-0GEN-1071e - An Overview of the Agilent J&W Column Portfolio	0.5
GC	Beginner	GC-0GEN-1072e	GC-0GEN-1072e - Agilent Packed GC Columns	0.5
GC	Beginner	GC-0GEN-1240z	GC-0GEN-1240z - Cutting UltiMetal Plus Stainless Steel Capillary Tubing	0.04
GC	Beginner	GC-0GEN-1241z	GC-0GEN-1241z - J&W DB-Sulfur SCD GC Columns	0.05
GC	Intermediate	GC-0GEN-2001z	GC-0GEN-2001z - Tips on Making your GC System and Analysis More Robust	1.41
GC	Intermediate	GC-0GEN-2040zs	GC-0GEN-2040zs - GC Troubleshooting Series	1.27
GC	Intermediate	GC-0GEN-2090r	GC-0GEN-2090r - Factors to Consider When Optimizing Your Method	0.4
GC	Intermediate	GC-6850-2230z	GC-6850-2230z - Agilent 6850 Split Vent Trap Replacement	0.02
GC	Intermediate	GC-6850-2232z	GC-6850-2232z - How to Run the 6850 Split/Splitless Inlet Vent Test	0.03
GC	Intermediate	GC-6850-2233z	GC-6850-2233z - How to Run the 6850 GC Split/Splitless Inlet Vent Test	0.04
GC	Beginner	GC-6890-1100e	GC-6890-1100e - Agilent 6890 GC Mainframe and Keyboard Operation	1.3
GC	Beginner	GC-6890-1100e	GC-6890-1100e - Agilent 6890 GC Mainframe and Keyboard Operation - German	1.3
GC	Intermediate	GC-6890-2220e	GC-6890-2220e - Agilent 6890 GC Capillary Split Inlet	1
GC	Intermediate	GC-6890-2230e	GC-6890-2230e - Agilent 6890 GC Capillary Splitless Inlet	1
GC	Intermediate	GC-6890-2230z	GC-6890-2230z - Liner Installation Demonstration for Agilent 6890 PTV Inlet	0.03
GC	Beginner	GC-7890-1100fs	GC-7890-1100fsV1 - Running Start for Agilent 7890 GC with OpenLAB CDS ChemStation Edition (Ver. C.01.07)	7.5
GC	Beginner	GC-7890-1100fsV2	GC-7890-1100fsV2 - Running Start for Agilent 7890 GC with OpenLAB CDS ChemStation Edition (Ver. C.01.08) - German	10.5
GC	Beginner	GC-7890-1100fsV2	GC-7890-1100fsV2 - Running Start for Agilent 7890 GC with OpenLAB CDS ChemStation Edition (Ver. C.01.08)	10.5
GC	Beginner	GC-7890-1100fsV3	GC-7890-1100fsV3 - Running Start for Agilent 7890 GC with OpenLAB CDS ChemStation Edition (Ver. C.01.09)	10.5
GC	Beginner	GC-7890-1101fsV2	GC-7890-1101fsV2 - Running Start for Agilent 7890 GC with OpenLAB CDS (Ver. 2.3)	8.5
GC	Beginner	GC-7890-1101fsV3	GC-7890-1101fsV3 - Running Start for Agilent 7890 GC with OpenLab CDS (Ver. 2.4)	8.5
GC	Beginner	GC-7890-1200e	GC-7890-1200e - Introduction to the Agilent 7890 GC	1
GC	Beginner	GC-7890-1201z	GC-7890-1201z - Agilent 7890B GC eFamiliarization for New Users	1
GC	Beginner	GC-7890-1202z	GC-7890-1202z - Agilent 7890B GC eFamiliarization for Update Users	1
GC	Beginner	GC-7890-1250s	GC-7890-1250s - Agilent 7890 Flame Ionization Detector (FID) Theory and Operation	0.4
GC	Intermediate	GC-7890-2245s	GC-7890-2245s - Agilent 7890 Series GC: Split/Splitless Inlet Troubleshooting	1

Technique	Level	Course Number	Course Name	Duration (hours)
GC	Beginner	GC-7890-1251s	GC-7890-1251s - Agilent 7890 Thermal Conductivity Detector (TCD) Theory and Operation	0.6
GC	Intermediate	GC-7890-2100s	GC-7890-2100s - Agilent 7890 GC Split/Splitless Inlet Fundamentals and Operations	0.9
GC	Intermediate	GC-7890-2200fs	GC-7890-2200fs - Agilent 7890 Series GC Maintenance and Troubleshooting	1.5
GC	Intermediate	GC-7890-2230z	GC-7890-2230z - Replacing the Split/Splitless Inlet Gold Seal	0.06
GC	Intermediate	GC-7890-2231z	GC-7890-2231z - How to Replace the GC Split/Splitless Inlet Liner & Septum & O-Ring	0.06
GC	Intermediate	GC-7890-2232z	GC-7890-2232z - How to Replace the 7890 Split Vent Trap	0.08
GC	Intermediate	GC-7890-2233z	GC-7890-2233z - How to Perform a GC Inlet Leak Check	0.06
GC	Intermediate	GC-7890-2240s	GC-7890-2240s - Agilent 7890 Series GC: Preparing for Maintenance and Maintenance Utilities	0.65
GC	Intermediate	GC-7890-2250s	GC-7890-2250s - Agilent 7890 Series GC: Flame Ionization Detector (FID) Maintenance and Troubleshooting	0.9
GC	Intermediate	GC-7890-2261r	GC-7890-2261r - Using the Agilent 7890 GC Service Mode Leak Check Diagnostics Test	1
GC	Intermediate	GC-7890-2262v	GC-7890-2262v - Using the Agilent 7890 GC Service Mode Trap Check Diagnostic Test	1
GC	Intermediate	GC-7890-2281r	GC-7890-2281r - Agilent 7890 Series GC Thermal Conductivity Detector (TCD) Troubleshooting	0.38
GC	Beginner	GC-8355-1001z	GC-8355-1001z - Technology Advancements in Sulfur Chemiluminescence Detection	0.8
GC	Beginner	GC-8355-1250zs	GC-8355-1250zs - 8355 Integrated Sulfur Chemiluminescence Detector Webinar Series	0.46
GC	Beginner	GC-8860-1201z	GC-8860-1201z - Agilent 8860 GC eFamiliarization for New Users	1
GC	Beginner	GC-8860-1202z	GC-8860-1202z - Agilent 8860 GC eFamiliarization for Update Users	1
GC	Beginner	GC-8890-1100fs	GC-8890-1100fs - Running Start for Agilent 8890 GC with OpenLAB CDS ChemStation Edition (Ver. C.01.09)	10.5
GC	Beginner	GC-8890-1101fs	GC-8890-1101fs - Running Start for Agilent 8890 GC with OpenLab CDS (Ver. 2.4)	9.5
GC	Beginner	GC-8890-1200e	GC-8890-1200e - Introduction to the Agilent 8890 GC	1
GC	Beginner	GC-8890-1201z	GC-8890-1201z - Agilent 8890 GC eFamiliarization for New Users	1
GC	Beginner	GC-8890-1202z	GC-8890-1202z - Agilent 8890 GC eFamiliarization for Update Users	1
GC	Beginner	GC-9000-1100fs	GC-9000-1100fs - Running Start for Agilent 9000 Intuvo GC with OpenLAB CDS ChemStation Edition (Ver. C.01.08)	10.5
GC	Beginner	GC-9000-1100fsV2	GC-9000-1100fsV2 - Running Start for Agilent 9000 Intuvo GC with OpenLAB CDS ChemStation Edition (Ver. C.01.09)	10.5
GC	Beginner	GC-9000-1100s	GC-9000-1100s - Introduction and Operation and Shutdown of the Agilent 7890 Series and Intuvo 9000 GC Systems	1.5
GC	Beginner	GC-9000-1101fs	GC-9000-1101fs - Running Start for Agilent 9000 Intuvo GC with OpenLAB CDS (Ver. 2.3)	8.5
GC	Beginner	GC-9000-1101fsV2	GC-9000-1101fsV2 - Running Start for Agilent 9000 Intuvo GC with OpenLab CDS (Ver 2.4)	8.5
GC	Beginner	GC-9000-1200e	GC-9000-1200e - Introduction to the Agilent Intuvo 9000 GC	1
GC	Beginner	GC-9000-1200s	GC-9000-1200s - Quick Launch Intuvo Maintenance Videos	0.06
GC	Beginner	GC-9000-1201z	GC-9000-1201z - Agilent Intuvo 9000 GC eFamiliarization for New Users	1
GC	Beginner	GC-9000-1202z	GC-9000-1202z - Agilent Intuvo 9000 GC eFamiliarization for Update Users	1
GC	Beginner	GC-9000-1250s	GC-9000-1250s - Agilent Intuvo 9000 GC Flame Ionization Detector (FID) Theory and Operation	0.5
GC	Beginner	GC-9000-1251r	GC-9000-1251r - Agilent Intuvo 9000 GC Thermal Conductivity Detector (TCD) Theory and Operation	0.5
GC	Intermediate	GC-9000-2100s	GC-9000-2100s - Agilent Intuvo 9000 GC Split/Splitless Inlet Fundamentals and Operations	1
GC	Beginner	GC-MULTI-1120e	GC-MULTI-1120e - Agilent GC and GC Sampler Control in Non-Agilent Data Systems	1
GC	Beginner	GC-MULTI-1231z	GC-MULTI-1231z - How to Install Ultra Inert Liners	0.01
GC	Beginner	GC-Multi-1240z	GC-MULTI-1240z - Making Better GC Connections	0.07
GC	Beginner	GC-MULTI-1240zs	GC-MULTI-1240zs - Making Productivity Happen: an Agilent GC eLearning Series	2
GC	Beginner	GC-MULTI-1241z	GC-MULTI-1241z - Self Tightening Column Nut Installation: Inlet or Detector	0.03
GC	Beginner	GC-MULTI-1242z	GC-MULTI-1242z - Self Tightening Column Nut Installation: MultiMode Inlet	0.04
GC	Beginner	GC-MULTI-1243z	GC-MULTI-1243z - UltiMetal Plus Flexible Metal Ferrule Column Connections	0.12
GC	Intermediate	GC-OLCS-2120e	GC-OLCS-2120e - Use OpenLAB CDS ChemStation Edition Software to setup a GC Method (Ver. C.01.08)	1

Technique	Level	Course Number	Course Name	Duration (hours)
GC	Intermediate	GC-MULTI-2100e	GC-MULTI-2100e - Advanced Operation of the Multimode Inlet (MMI)	2
GC	Intermediate	GC-MULTI-2190e	GC-MULTI-2190e - GC Calculators: An Introduction	0.33
GC	Intermediate	GC-MULTI-2200z	GC-MULTI-2200z - How to Create a Maintenance Method	0.04
GC	Intermediate	GC-MULTI-2250r	GC-MULTI-2250r - FPD+ Maintenance	0.2
GC	Intermediate	GC-MULTI-2250s	GC-MULTI-2250s - FID Maintenance and Troubleshooting	1.1
GC	Intermediate	GC-MULTI-2251r	GC-MULTI-2251r - NPD Maintenance	0.1
GC	Intermediate	GC-OLCS-2100s	GC-OLCS-2100s - Agilent GC Operation with OpenLAB CDS ChemStation Edition (Ver. C.01.08)	5
GC	Intermediate	GC-OLCS-2100sV2	GC-OLCS-2100sV2 - Agilent GC Operation with OpenLAB CDS ChemStation Edition (Ver. C.01.09)	5
GC	Intermediate	GC-OLCS-2101e	GC-OLCS-2101e - Introduction to the Operation of Agilent GC's with OpenLAB CDS ChemStation Edition Software (Ver. C.01.08)	0.6
GC	Intermediate	GC-OLCS-2101eV2	GC-OLCS-2101eV2 - Introduction to the Operation of Agilent GC's with OpenLAB CDS ChemStation Edition Software (Ver. C.01.09)	0.6

Liquid Chromatography

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
HPLC	Beginner	HPLC-0GEN-1000s	HPLC-0GEN-1000s - Fundamentals of High Performance Liquid Chromatography Video Series	0.3
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration - Spanish	0.1
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration - French	0.1
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration - German	0.1
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration - Portuguese	0.1
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration	0.1
HPLC	Beginner	HPLC-0GEN-1001r	HPLC-0GEN-1001r - Tech Talks: HPLC Chromatography Demonstration - Italian	0.1
HPLC	Beginner	HPLC-0GEN-1001s	HPLC-0GEN-1001s - Laboratory Skills for HPLC Operators	3.5
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified - German	0.15
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified - Italian	0.15
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified - Spanish	0.15
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified - Portuguese	0.15
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified	0.15
HPLC	Beginner	HPLC-0GEN-1002r	HPLC-0GEN-1002r - Tech Talks: HPLC Separation Simplified - French	0.15
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation - French	0.33
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation - German	0.33
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation	0.33
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation - Portuguese	0.33
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation - Spanish	0.33
HPLC	Beginner	HPLC-0GEN-1020e	HPLC-0GEN-1020e - HPLC Sample Preparation - Italian	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents - French	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents - Spanish	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents - Italian	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents - German	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents	0.33
HPLC	Beginner	HPLC-0GEN-1021r	HPLC-0GEN-1021r - Handling HPLC Solvents - Portuguese	0.33
HPLC	Beginner	HPLC-0GEN-1060r	HPLC-0GEN-1060r - Tech Talks: Understanding Internal and External Standards	0.2

Technique	Level	Course Number	Course Name	Duration (hours)
HPLC	Beginner	HPLC-0GEN-1071z	HPLC-0GEN-1071z - How To Properly Swage HPLC Fittings	0.1
HPLC	Beginner	HPLC-0GEN-1203r	HPLC-0GEN-1203r - HPLC Fittings	0.2
HPLC	Intermediate	HPLC-0GEN-2030z	HPLC-0GEN-2030z - The Equation Behind Your HPLC Separation	0.93
HPLC	Intermediate	HPLC-0GEN-2040zs	HPLC-0GEN-2040zs - HPLC Chromatographic Troubleshooting	2.25
HPLC	Intermediate	HPLC-0GEN-2070z	HPLC-0GEN-2070z - Fast Guards for UHPLC	0.04
HPLC	Intermediate	HPLC-0GEN-2090r	HPLC-0GEN-2090r - UHPLC Theory	0.33
HPLC	Beginner	HPLC-1260-1100fs	HPLC-1260-1100fs - Running Start for Agilent 1260 HPLC with OpenLAB CDS ChemStation Edition (C.01.07)	11
HPLC	Beginner	HPLC-1260-1100fsV2	HPLC-1260-1100fsV2 - Running Start for Agilent Infinity 1260 LC Systems with OpenLab CDS ChemStation Edition (Ver. C.01.09 and C.01.10)	11
HPLC	Beginner	HPLC-1260-1200e	HPLC-1260-1200e - HPLC Instruments Essentials	0.75
HPLC	Intermediate	HPLC-1260-2230z	HPLC-1260-2230z - Changing Pump Seals in Agilent 1260 Binary and Quaternary and Isocratic Pumps	0.1
HPLC	Intermediate	HPLC-1260-2260z	HPLC-1260-2260z - Changing lamps in G1315x DADs and G1365x MWDs	0.1
HPLC	Beginner	HPLC-1290-1100fs	HPLC-1290-1100fs - Running Start for Agilent 1290 Infinity LC Systems with OpenLAB CDS ChemStation Edition (C.01.07)	11
HPLC	Beginner	HPLC-1290-1100fsV2	HPLC-1290-1100fsV2 - Running Start for Agilent Infinity 1290 LC Systems with OpenLab CDS ChemStation Edition (Ver. C.01.09 and C.01.10)	11
HPLC	Beginner	HPLC-1290-1230z	HPLC-1290-1230z - The Agilent 1290 Infinity Quaternary Pump	0.36
HPLC	Intermediate	HPLC-1290-2190r	HPLC-1290-2190r - 1290 Infinity LC Systems - Method Transfer HPLC to UHPLC	0.3
HPLC	Intermediate	HPLC-1290-2201r	HPLC-1290-2201r - Agilent 1290 Infinity LC Systems - UHPLC Instrumentation	0.5
HPLC	Intermediate	HPLC-1290-2230z	HPLC-1290-2230z - Changing the High Pressure Filter Frit on an Agilent 1290 G4220x Pump	0.1
HPLC	Intermediate	HPLC-1290-2231z	HPLC-1290-2231z - Changing the Jet Weaver on an Agilent G4220x 1290 Pump	0.1
HPLC	Intermediate	HPLC-1290-2250z	HPLC-1290-2250z - Replacing the Cartridge Cell in an Agilent 1290 G4212X Diode Array Detector (DAD)	0.1
HPLC	Beginner	HPLC-INF-1200e	HPLC-INF-1200e - Agilent Infinity I & II Series Introduction to HPLC Hardware	0.5
HPLC	Beginner	HPLC-INF-1200e	HPLC-INF-1200e - Agilent Infinity I & II Series Introduction to HPLC Hardware - German	0.5
HPLC	Intermediate	HPLC-INF-2220z	HPLC-INF-2220z - HPLC-Replacing the Loop Capillary on an Agilent G4226X/G1367E Agilent HiP Autosampler	0.1
HPLC	Intermediate	HPLC-INF-2221z	HPLC-INF-2221z - Changing the Seal Wash Option Peristaltic Pump	0.1
HPLC	Beginner	HPLC-INFII-1120r	HPLC-INFII-1120r - Agilent OpenLAB CDS ChemStation - Acquisition (C.01.07)	0.6
HPLC	Beginner	HPLC-INFII-1120rV2	HPLC-INFII-1120rV2 - Agilent OpenLab CDS ChemStation - Acquisition (C.01.09 and C.01.10)	0.58
HPLC	Beginner	HPLC-INFII-1121r	HPLC-INFII-1121r - Agilent 1260 Infinity LC Systems - Online and Offline OpenLAB CDS ChemStation Edition C.01.07	0.4
HPLC	Beginner	HPLC-INFII-1121rV2	HPLC-INFII-1121rV2 - Agilent 1260 Infinity LC Systems - Online and Offline OpenLab CDS ChemStation Edition (C.01.09 and C.01.10)	0.42
HPLC	Beginner	HPLC-OL-1140r	HPLC-OL-1140r - Agilent OpenLAB CDS ChemStation - Integration	0.5
HPLC	Beginner	HPLC-OL-1150r	HPLC-OL-1150r - Agilent OpenLAB CDS ChemStation - Calibration	0.6
HPLC	Beginner	HPLC-OL-1180r	HPLC-OL-1180r - Agilent OpenLAB CDS ChemStation - Sequences	1
HPLC	Beginner	HPLC-OL-1180rV2	HPLC-OL-1180rV2 - Agilent OpenLab CDS ChemStation - Sequences (C.01.09 and C.01.10)	1
HPLC	Intermediate	HPLC-OLCS-2150sc	HPLC-OLCS-2150sc - Agilent HPLC OpenLab CDS ChemStation Edition Quantification with Cloud Laboratory (Version C.01.07)	3.2

Technique	Level	Course Number	Course Name	Duration (hours)
GCMS	Beginner	GCMS-0GEN-1000s	GCMS-0GEN-1000s - Chemistry Review for GC/MS	0.6
GCMS	Intermediate	GCMS-0GEN-2000r	GCMS-0GEN-2000r - Introduction to Gas Chromatography and Mass Spectrometry (GC/MS)	0.7
GCMS	Intermediate	GCMS-0GEN-2030s	GCMS-0GEN-2030s - Triple Quadrupole GC/MS Principles	0.58
GCMS	Intermediate	GCMS-0GEN-2060e	GCMS-0GEN-2060e - Foundation - Target Compound Analysis for Single Quadrupole GC/MS Systems	0.3
GCMS	Intermediate	GCMS-0GEN-2090r	GCMS-0GEN-2090r - SIM and Scan Data Acquisition Principles for GC/MS Single Quadrupoles	0.65
GCMS	Intermediate	GCMS-0GEN-2091e	GCMS-0GEN-2091e - Chemical Ionization Basic Theory	0.25
GCMS	Intermediate	GCMS-0GEN-2091r	GCMS-0GEN-2091r - Chemical Ionization Basic Theory	0.35
GCMS	Intermediate	GCMS-0GEN-2161e	GCMS-0GEN-2161e - Foundation - Target Compound Analysis for Triple Quadrupole GC/MS Systems	0.3
GCMS	Beginner	GCMS-5975-1001r	GCMS-5975-1001r - GC/MS Basics and Agilent 5975 Hardware Configuration	0.5
GCMS	Intermediate	GCMS-5975-2030r	GCMS-5975-2030r - Agilent 5975 GC/MS with ChemStation Data Acquisition Theory	0.7
GCMS	Intermediate	GCMS-5975-2100s	GCMS-5975-2100s - Agilent 5973/5975 GC/MSD Operation with ChemStation	7.7
GCMS	Intermediate	GCMS-5975-2120r	GCMS-5975-2120r - Agilent 5975 with ChemStation GC/MS Tuning	0.6
GCMS	Intermediate	GCMS-5975-2121r	GCMS-5975-2121r - Agilent 7890 5975 with ChemStation Data Acquisition Setup	0.83
GCMS	Intermediate	GCMS-5975-2122r	GCMS-5975-2122r - Agilent 6890 5975 with ChemStation Data Acquisition Setup	0.92
GCMS	Intermediate	GCMS-5975-2123r	GCMS-5975-2123r - Agilent 5975 GC/MS Backflushing and the Backflush Wizard	0.28
GCMS	Intermediate	GCMS-5975-2130r	GCMS-5975-2130r - Agilent 5975 GC/MS ChemStation Qualitative Data Analysis	0.6
GCMS	Intermediate	GCMS-5975-2150r	GCMS-5975-2150r - Agilent 5975 GC/MS ChemStation Quantitative Data Analysis	0.8
GCMS	Intermediate	GCMS-5975-2160r	GCMS-5975-2160r - Agilent GC/MS ChemStation Custom Reports and Databases	0.4
GCMS	Intermediate	GCMS-5975-2180r	GCMS-5975-2180r - Agilent 5975 GC/MS ChemStation Sequencing	0.42
GCMS	Intermediate	GCMS-5975-2200r	GCMS-5975-2200r - Agilent 7890/5975 GC/MS Maintenance Overview	0.73
GCMS	Advanced	GCMS-5975-3170r	GCMS-5975-3170r - Agilent GC/MS ChemStation Commands and Macros	0.8
GCMS	Beginner	GCMS-5977-1020e	GCMS-5977-1020e - A Day in the Life of a GC/MS Analyst: The Big Picture	0.17
GCMS	Beginner	GCMS-5977-1100fs	GCMS-5977-1100fs - Running Start for Agilent 5977B GC/MSD with MassHunter (Acq B.07, Qual B.08, Quant B.08 or B.09)	8.96
GCMS	Beginner	GCMS-5977-1120r	GCMS-5977-1120r - Introduction to MS Tuning for the Agilent 5977 GC/MSD (Ver. B.07)	0.2
GCMS	Beginner	GCMS-5977-1121r	GCMS-5977-1121r - MassHunter GC/MSD Acquisition: Data Acquisition Methods (Ver. B.07)	0.4
GCMS	Beginner	GCMS-5977-1200s	GCMS-5977-1200s - GC/MS Single Quadrupole Instrument Essentials	0.9
GCMS	Beginner	GCMS-5977-1200sV2	GCMS-5977-1200sV2 - GC/MS Single Quadrupole Instrument Essentials	0.9
GCMS	Beginner	GCMS-5977-1200sV2	GCMS-5977-1200sV2 - GC/MS Single Quadrupole Instrument Essentials - German	0.9
GCMS	Beginner	GCMS-5977-1201e	GCMS-5977-1201e - Agilent 5977B GC/MSD System Hardware Review	0.2
GCMS	Beginner	GCMS-5977-1270r	GCMS-5977-1270r - Agilent 5977B GC/MSD Diagnostics and Troubleshooting	0.2
GCMS	Beginner	GCMS-5977-1280e	GCMS-5977-1280e - Daily Maintenance Tasks for the Agilent 5977B GC/MSD System	0.25
GCMS	Intermediate	GCMS-5977-2200zs	GCMS-5977-2200zs - Agilent 5977 GC/MS with 7890 GC Column Installation	0.06
GCMS	Intermediate	GCMS-5977-2230zs	GCMS-5977-2230zs - Agilent 5977B Foreline Pump Maintenance	0.03
GCMS	Intermediate	GCMS-5977-2231zs	GCMS-5977-2231zs - Agilent IDP-3 Dry Scroll Pump Maintenance	0.19
GCMS	Intermediate	GCMS-5977-2232sz	GCMS-5977-2232sz - Agilent 5977 Diffusion Pump Maintenance	0.11
GCMS	Intermediate	GCMS-5977-2233z	GCMS-5977-2233z - Agilent 5977 High Vacuum Pump Fan Replacement	0.03
GCMS	Intermediate	GCMS-5977-2240zs	GCMS-5977-2240zs - Access the Agilent 5977 Analyzer	0.06
GCMS	Intermediate	GCMS-5977-2241zs	GCMS-5977-2241zs - Agilent 5977 Miscellaneous CI Maintenance Tasks	0.04
GCMS	Intermediate	GCMS-5977-2242zs	GCMS-5977-2242zs - Agilent 5977 Refill Calibration Vial	0.04
GCMS	Intermediate	GCMS-5977-2250z	GCMS-5977-2250z - Agilent 5977 Multiplier Horn Replacement	0.01
GCMS	Intermediate	GCMS-5977-2261e	GCMS-5977-2261e - Using Diagnostic Tools to Detect Leaks in Your Agilent GC/MS SQ System	0.8

Technique	Level	Course Number	Course Name	Duration (hours)
GCMS	Intermediate	GCMS-5977-2271e	GCMS-5977-2271e - GC/MS: Identifying the Source of GC Mystery Peaks	0.7
GCMS	Intermediate	GCMS-5977-2300eV2	GCMS-5977-2300eV2 - Agilent 5975/5977 EnviroQuant - Communication and Software Configuration Overview (Acq. B.07.05)	0.3
GCMS	Beginner	GCMS-7000-1100fs	GCMS-7000-1100fs - Running Start for Agilent 7000 Series Triple Quadrupole GC/MS with MassHunter (Acq B.07, Qual B.08, Quant B.08 or B.09)	9.58
GCMS	Beginner	GCMS-7000-1201r	GCMS-7000-1201r - Agilent 7000 Triple Quadrupole GC/MS System Overview	0.35
GCMS	Beginner	GCMS-7000-1270r	GCMS-7000-1270r - Agilent 7000 Series Triple Quadrupole GC/MS Basic Troubleshooting	0.22
GCMS	Beginner	GCMS-7000-1280e	GCMS-7000-1280e - Daily Maintenance Tasks for the Agilent 7000 Series Triple Quadrupole GC/MS	0.25
GCMS	Intermediate	GCMS-7000-2090r	GCMS-7000-2090r - How to Select Product Ions for Triple Quadrupole GC/MS Analyses	0.5
GCMS	Intermediate	GCMS-7000-2120r	GCMS-7000-2120r - Chemical Ionization on the Agilent 7000 GC/QQQ - Operating Tips	0.3
GCMS	Intermediate	GCMS-7000-2121r	GCMS-7000-2121r - Agilent 7000 Series Triple Quadrupole GC/MS System Tuning and Calibration (Ver. B.07)	0.43
GCMS	Intermediate	GCMS-7000-2122r	GCMS-7000-2122r - MassHunter Triple Quadrupole GC/MS Acquisition Method Parameters: MS1 Scan (Ver. B.07)	0.83
GCMS	Intermediate	GCMS-7000-2123r	GCMS-7000-2123r - MassHunter Triple Quadrupole GC/MS Acquisition Method Parameters: Product Ion Scan and MRM (Ver. B.07)	0.42
GCMS	Intermediate	GCMS-7000-2200zs	GCMS-7000-2200zs - Agilent 7000 GC/MS with 7890 GC Column Installation	0.06
GCMS	Intermediate	GCMS-7000-2201zs	GCMS-7000-2201zs - Connecting the Agilent 7000 TQ GC/MS with Intuvo 9000 GC	0.07
GCMS	Intermediate	GCMS-7000-2240zs	GCMS-7000-2240zs - Access the Agilent 7000/7010 Analyzer	0.09
GCMS	Intermediate	GCMS-7000-2241zs	GCMS-7000-2241zs - Agilent 7000 Miscellaneous CI Maintenance Tasks	0.04
GCMS	Intermediate	GCMS-7000-2242zs	GCMS-7000-2242zs - Agilent 7000 Refill Calibration Vial	0.04
GCMS	Intermediate	GCMS-7000-2250z	GCMS-7000-2250z - Agilent 7000 or 7010 Multiplier Horn Replacement	0.01
GCMS	Intermediate	GCMS-7000-2261e	GCMS-7000-2261e - Using Diagnostic Tools to Detect Leaks in Your Agilent GC/MS QQQ System	0.8
GCMS	Advanced	GCMS-7000-3300z	GCMS-7000-3300z - eSeminar: GC Triple Quadrupole use in Challenging Matrices for Detection of Compounds in EPA Methods 8270 / 8081 and 8082	0.88
GCMS	Advanced	GCMS-7000-3301z	GCMS-7000-3301z - eSeminar: Getting the Best Performance from Your GCQQQ for the Analysis of Pesticides in Environmental Matrices	0.59
GCMS	Advanced	GCMS-7000-3330z	GCMS-7000-3330z - eSeminar: Harmonized GC-Triple Quadrupole Analysis of Steroidal Analogues for Clinical and Environmental Monitoring of the Exposome	0.79
GCMS	Intermediate	GCMS-9000-2200z	GCMS-9000-2200z - MS Tail Replacement on Agilent Intuvo 9000 GC coupled with MS	0.04
GCMS	Intermediate	GCMS-CI-2240zs	GCMS-CI-2240zs - CI Source General Maintenance	0.2
GCMS	Intermediate	GCMS-EI-2240zs	GCMS-EI-2240zs - EI Standard or Inert Source General Maintenance	0.22
GCMS	Intermediate	GCMS-HES-2240zs	GCMS-HES-2240zs - HES Source General Maintenance	0.2
GCMS	Beginner	GCMS-MH-1100zs	GCMS-MH-1100zsV1 - Agilent 5977B and MassHunter Software eFamiliarization (Acq B.07.05, Qual B.07, Quant B.08)	6.5
GCMS	Beginner	GCMS-MH-1100zsV2	GCMS-MH-1100zsV2 - Agilent 5977B and MassHunter Software eFamiliarization (Acq B.07.05, Qual B.08, Quant B.09)	3.5
GCMS	Beginner	GCMS-MH-1100zsV3	GCMS-MH-1100zsV3 - Agilent 5977B and MassHunter Software eFamiliarization (Acq B.07.05, B.07.06, or 10; Qual 10.1, Quant B.09 or 10)	3.5
GCMS	Intermediate	GCMS-MH-2120e	GCMS-MH-2120e - GC/MS MassHunter Sequencing and the Sequence Table Assistant (Ver. B.07)	0.6
GCMS	Intermediate	GCMS-MH-2121e	GCMS-MH-2121e - GC/MS MassHunter: Importing Simulating and Running a Sequence (Ver. B.07)	0.52
GCMS	Intermediate	GCMS-MH-2130s	GCMS-MH-2130s - Working with MassHunter Qualitative Analysis for GC/MS Single Quadrupole Systems (Ver. B.08)	2.01
GCMS	Intermediate	GCMS-MH-2131s	GCMS-MH-2131s - Working with MassHunter Qualitative Analysis for GC/MS Triple Quadrupole Systems (Ver. B.08)	2.1
GCMS	Intermediate	GCMS-MH-2150eV1	GCMS-MH-2150eV1 - MassHunter Quantitative Analysis: Organizing Your SQ Quantification Data into Batches (Ver. B.07 or B.08)	0.25
GCMS	Intermediate	GCMS-MH-2150eV2	GCMS-MH-2150eV2 - MassHunter Quantitative Analysis: Organizing Your SQ Quantification Data into Batches (Ver. B.09 or 10)	0.25
GCMS	Intermediate	GCMS-MH-2150sc	GCMS-MH-2150sc - Agilent 5977 GC/MSD MassHunter Quantification with Cloud Laboratory (Quant B.08)	4

Technique	Level	Course Number	Course Name	Duration (hours)
GCMS	Intermediate	GCMS-MH-2154eV2	GCMS-MH-2154eV2 - MassHunter Quantitative Analysis Reporting Using Single Quadrupole Data (Ver. B.09 or 10)	0.25
GCMS	Intermediate	GCMS-MH-2155eV1	GCMS-MH-2155eV1 - MassHunter Quantitative Analysis: Organizing Your QQQ Quantification Data into Batches (Ver. B.08)	0.25
GCMS	Intermediate	GCMS-MH-2155eV2	GCMS-MH-2155eV2 - MassHunter Quantitative Analysis: Organizing Your QQQ Quantification Data into Batches (Ver. B.09 or 10)	0.25
GCMS	Intermediate	GCMS-MH-2152eV1	GCMS-MH-2152eV1 - MassHunter Quantitative Analysis: Single Quadrupole Data Review Essentials (Ver. B.07 or B.08)	0.45
GCMS	Intermediate	GCMS-MH-2152eV2	GCMS-MH-2152eV2 - MassHunter Quantitative Analysis: Single Quadrupole Data Review Essentials (Ver. B.09 or 10)	0.45
GCMS	Intermediate	GCMS-MH-2153eV1	GCMS-MH-2153eV1 - MassHunter Quantitative Analysis: Using an Existing Calibration Curve on New SQ Samples (Ver. B.07 or B.08)	0.13
GCMS	Intermediate	GCMS-MH-2153eV2	GCMS-MH-2153eV2 - MassHunter Quantitative Analysis: Using an Existing Calibration Curve on New SQ Samples (Ver. B.09 or 10)	0.13
GCMS	Intermediate	GCMS-MH-2154eV1	GCMS-MH-2154eV1 - MassHunter Quantitative Analysis Reporting Using Single Quadrupole Data (Ver. B.07 or B.08)	0.25
GCMS	Intermediate	GCMS-MH-2150scV2	GCMS-MH-2150scV2 - Agilent 5977 GC/MSD MassHunter Quantification with Cloud Laboratory (Quant B.09)	4
GCMS	Intermediate	GCMS-MH-2151eV1	GCMS-MH-2151eV1 - Building a GC/MS SQ MassHunter Quantitative Method (Ver. B.07 or B.08)	0.37
GCMS	Intermediate	GCMS-MH-2151eV2	GCMS-MH-2151eV2 - Building a GC/MS SQ MassHunter Quantitative Method (Ver. B.09 or 10)	0.37
GCMS	Intermediate	GCMS-MH-2151sc	GCMS-MH-2151sc - Agilent 7000 Triple Quadrupole GC/MS MassHunter Quantification with Cloud Laboratory (Quant B.08)	4
GCMS	Intermediate	GCMS-MH-2151scV2	GCMS-MH-2151scV2 - Agilent 7000 Triple Quadrupole GC/MS MassHunter Quantification with Cloud Laboratory (Quant B.09)	4
GCMS	Intermediate	GCMS-MH-2156eV1	GCMS-MH-2156eV1 - Building a MassHunter Quantitative Method using MRM Data (Ver. B.08)	0.37
GCMS	Intermediate	GCMS-MH-2156eV2	GCMS-MH-2156eV2 - Building a MassHunter Quantitative Method using MRM Data (Ver. B.09 or 10)	0.37
GCMS	Intermediate	GCMS-MH-2157eV1	GCMS-MH-2157eV1 - MassHunter Quantitative Analysis: QQQ Data Review Essentials (Ver. B.08)	0.45
GCMS	Intermediate	GCMS-MH-2157eV2	GCMS-MH-2157eV2 - MassHunter Quantitative Analysis: QQQ Data Review Essentials (Ver. B.09 or 10)	0.45
GCMS	Intermediate	GCMS-MH-2158eV1	GCMS-MH-2158eV1 - MassHunter Quantitative Analysis: Using an Existing Calibration Curve on New QQQ Samples (Ver. B.08)	0.13
GCMS	Intermediate	GCMS-MH-2158eV2	GCMS-MH-2158eV2 - MassHunter Quantitative Analysis: Using an Existing Calibration Curve on New QQQ Samples (Ver. B.09 or 10)	0.13
GCMS	Intermediate	GCMS-MH-2159eV1	GCMS-MH-2159eV1 - MassHunter Quantitative Analysis Reporting Using MRM Data (Ver. B.08)	0.25
GCMS	Intermediate	GCMS-MH-2159eV2	GCMS-MH-2159eV2 - MassHunter Quantitative Analysis Reporting using MRM Data (Ver. B.09 or 10)	0.25
GCMS	Advanced	GCMS-MH-3131r	GCMS-MH-3131r - Unknowns Analysis for GC/MS (Ver. B.07)	1.2
GCMS	Advanced	GCMS-MULT-3320z	GCMS-MULTI-3320z - eSeminar: Synthetic Cannabinoids: the Analytical Challenges	0.98
GCMS	Intermediate	GCMS-Xtr-2240zs	GCMS-Xtr-2240zs - EI Extractor Source General Maintenance	0.22

LC/MS Chromatography

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
LCMS	Beginner	LCMS-0GEN-1000s	LCMS-0GEN-1000s - Fundamental Principles of Liquid Chromatography with Mass Spectrometry	1.5
LCMS	Intermediate	LCMS-0GEN-2090r	LCMS-0GEN-2090r - Principles of Method Development for LC/MS	0.75
LCMS	Advanced	LCMS-0GEN-3060s	LCMS-0GEN-3060s - Analysis of Calibration Curve Models for LC/MS/MS	0.8
LCMS	Beginner	LCMS-6100-1101r	LCMS-6100-1101r - Routine Tuning and Calibration of Agilent 6100 Series LC/MS SQ Using OpenLAB 2.1	0.5
LCMS	Beginner	LCMS-6100-1102r	LCMS-6100-1102r - Data Acquisition Modes for Agilent SQ LC/MS in OpenLAB 2.1	0.25
LCMS	Beginner	LCMS-6100-1120z	LCMS-6100-1120z - InfinityLab LC/MSD Data Acquisition and Analysis	7.9
LCMS	Intermediate	LCMS-6100-2109cV3	LCMS-6100-2109cV3 - Agilent LC/MSD Techniques and Operation with OpenLab CDS Manual	4

Technique	Level	Course Number	Course Name	Duration (hours)
LCMS	Intermediate	LCMS-6400-2150r	LCMS-6400-2150r - Agilent 6400 Series MassHunter Quantitation - How to Build a MassHunter Quantitation Method (Ver. B.06, B.07, B.08)	1
LCMS	Intermediate	LCMS-6400-2151r	LCMS-6400-2151r - Agilent 6400 Series MassHunter Quantitation - Refining Your MassHunter Quantitation Method (Ver. B.06, B.07, B.08)	0.65
LCMS	Beginner	LCMS-6400-1100fsV1	LCMS-6400-1100fsV1 - Running Start for Agilent 6400 Series LC/MS with MassHunter (Acq B.08 or higher, Qual B.08, Quant B.08)	7.5
LCMS	Beginner	LCMS-6400-1100fsV2	LCMS-6400-1100fsV2 - Running Start for Agilent 6400 Series QQQ LC/MS with MassHunter (Acq B.08 or higher, Qual B.08, Quant B.09)	7.5
LCMS	Beginner	LCMS-6400-1120z	LCMS-6400-1120z - Agilent 6400 Series Triple Quadrupole LC/MS eFamiliarization	7
LCMS	Beginner	LCMS-6400-1201s	LCMS-6400-1201s - Essential Housekeeping Tasks and Best Practices for Agilent 6400 Series QQQ LC/MS	1.5
LCMS	Intermediate	LCMS-6400-2121r	LCMS-6400-2121r - MRM Acquisition for Agilent 6400 Series LC/MS QQQ Part I of III (Ver. B.08)	1
LCMS	Intermediate	LCMS-6400-2122r	LCMS-6400-2122r - Dynamic MRM Acquisition for Agilent 6400 Series LC/MS QQQ Part II of III (Ver. B.08)	1.5
LCMS	Intermediate	LCMS-6400-2123r	LCMS-6400-2123r - Triggered MRM Acquisition for Agilent 6400 Series LC/MS QQQ Part III of III (Ver. B.08)	1.5
LCMS	Intermediate	LCMS-6400-2130r	LCMS-6400-2130r - Analysis of QQQ LC/MS Data Using MassHunter Qualitative Analysis (Ver. B.07)	0.75
LCMS	Advanced	LCMS-6400-3120s	LCMS-6400-3120s - Manually Optimizing LC/MS/MS Acquisition Methods with MassHunter	0.7
LCMS	Intermediate	LCMS-6500-2130s	LCMS-6500-2130s - Analysis of QTOF LC/MS Data Using MassHunter Qualitative Analysis B.07.02	1.5
LCMS	Intermediate	LCMS-6500-2136s	LCMS-6500-2136s - Data Preparation for High Resolution LC/MS with MassHunter Profinder	1.75
LCMS	Beginner	LCMS-BC-1130z	LCMS-BC-1130z - MassHunter BioConfirm eFamiliarization	10
LCMS	Beginner	LCMS-BC-1131z	LCMS-BC-1131z - MassHunter BioConfirm Training Videos	1
LCMS	Advanced	LCMS-MH-3130r	LCMS-MH-3130r - Agilent LC/TOF and LC/Q-TOF Compound Identification and Quantification Using All Ions MS/MS Workflow	0.3
LCMS	Beginner	LCMS-MH-1130z	LCMS-MH-1130z - MassHunter Qualitative Analysis eFamiliarization for Unit Mass LC/MS Data (Ver. B.08)	5.8
LCMS	Beginner	LCMS-MH-1131z	LCMS-MH-1131z - MassHunter Qualitative Analysis for Accurate Mass LC/MS Data	6.7
LCMS	Beginner	LCMS-MH-1140z	LCMS-MH-1140zV1 - MassHunter Quantitative Analysis eFamiliarization (Ver. B.08)	5.6
LCMS	Beginner	LCMS-MH-1140zV2	LCMS-MH-1140zV2 - MassHunter Quantitative Analysis eFamiliarization (Ver. B.09)	5
LCMS	Intermediate	LCMS-MH-2150sc	LCMS-MH-2150sc - Agilent 6400 Series Triple Quadrupole LC/MS MassHunter Quantification with Cloud Laboratory (Quant B.08)	3.2
LCMS	Intermediate	LCMS-MH-2150scV2	LCMS-MH-2150scV2 - Agilent 6400 Series Triple Quadrupole LC/MS MassHunter Quantification with Cloud Laboratory (Quant B.09)	3.2
LCMS	Intermediate	LCMS-MH-2151sc	LCMS-MH-2151sc - Agilent Ultivo Triple Quadrupole LC/MS MassHunter Quantification with Cloud Laboratory (Quant B.09)	3.2
LCMS	Beginner	LCMS-MULT-1200zV1	LCMS-MULTI-1200zV1 - Agilent 6000 Series LC/MS and InfinityLab LC/MSD Series Hardware eFamiliarization	7.2
LCMS	Beginner	LCMS-MULTI-1120z	LCMS-MULTI-1120z - MassHunter Data Acquisition eFamiliarization for Agilent TOF/QTOF LC/MS Systems	8.4
LCMS	Beginner	LCMS-MULTI-1200zV2	LCMS-MULTI-1200zV2 - Agilent 6000 Series LC/MS and InfinityLab LC/MSD Series Hardware eFamiliarization	7.5
LCMS	Intermediate	LCMS-MULTI-2020r	LCMS-MULTI-2020r - Ensuring Daily System Performance for Agilent LC/MS Systems	1.4
LCMS	Intermediate	LCMS-MULTI-2270s	LCMS-MULTI-2270s - Troubleshooting Series for Agilent LC/MS Instruments	1.25
LCMS	Intermediate	LCMS-MULTI-2270s	LCMS-MULTI-2270s - Fehlersuche bei Agilent LC/MS-Geräten	1.5
LCMS	Intermediate	LCMS-OLII-2101r	LCMS-OLII-2101r - OpenLAB 2.1 Application Workflows for Agilent 6100 Series SQ LC/MS	0.3
LCMS	Beginner	LCMS-ULTV-1100fs	LCMS-ULTV-1100fs - Running Start for Agilent Ultivo LC/TQ	7.5
LCMS	Beginner	LCMS-ULTV-1120z	LCMS-ULTV-1120z - MassHunter Data Acquisition for Ultivo LC Triple Quadrupole eFamiliarization	6.2
LCMS	Beginner	LCMS-ULTV-1200s	LCMS-ULTV-1200s - Essential Housekeeping Tasks and Best Practices for Agilent Ultivo LC/TQ	1.5

Spectroscopy

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
SPECTRO	Beginner	ICPMS-0GEN-1010e	ICPMS-0GEN-1010e - Agilent ICP-MS with MassHunter: An Introduction to ICP-MS	0.33
SPECTRO	Beginner	ICPMS-0GEN-1020e	ICPMS-0GEN-1020e - Agilent 7800/7900/8900 ICP-MS with MassHunter: ICP-MS Hazards and Safety Practices	0.25
SPECTRO	Beginner	ICPMS-0GEN-1021e	ICPMS-0GEN-1021e - Agilent ICP-MS with MassHunter: Daily Acquisition Tasks	0.25
SPECTRO	Beginner	ICPMS-0GEN-1030e	ICPMS-0GEN-1030e - Agilent ICP-MS with MassHunter: Analysis Considerations	0.33
SPECTRO	Intermediate	ICPMS-0GEN-2180e	ICPMS-0GEN-2180e - Agilent ICP-MS with MassHunter: An Introduction to Batches	0.25
SPECTRO	Beginner	ICPMS-7900-1000e	ICPMS-7900-1000e - Agilent 7800/7900 ICP-MS with MassHunter: System Overview	0.33
SPECTRO	Beginner	ICPMS-7900-1020e	ICPMS-7900-1020e - 7800/7900 Agilent ICP-MS with MassHunter: ICP-MS MassHunter Startup Tasks	0.4
SPECTRO	Beginner	ICPMS-7900-1100fs	ICPMS-7900-1100fs - Running Start Essentials - Agilent 7800/7900 ICP-MS with MassHunter	6
SPECTRO	Beginner	ICPMS-7900-1120e	ICPMS-7900-1120e - Agilent 7800/7900 ICP-MS with MassHunter: Tuning	0.33
SPECTRO	Beginner	ICPMS-7900-1130e	ICPMS-7900-1130e - Agilent 7800/7900 ICP-MS with MassHunter: Data Analysis	0.25
SPECTRO	Intermediate	ICPMS-7900-2181e	ICPMS-7900-2181e - Agilent 7800/7900 ICP-MS with MassHunter: Batch Details	0.33
SPECTRO	Intermediate	ICPMS-7900-2200e	ICPMS-7900-2200e - Agilent 7800/7900 ICP-MS with MassHunter: Maintenance and Troubleshooting	0.33
SPECTRO	Beginner	ICPMS-MH-1100e	ICPMS-MH-1100e - Agilent ICP-MS with MassHunter: An Introduction to ICP-MS MassHunter Workstation	0.33
SPECTRO	Beginner	ICPOES-0GEN-1000e	ICPOES-0GEN-1000e - Agilent 5110 ICP-OES Essentials: Introduction to Atomic Spectroscopy	0.25
SPECTRO	Beginner	ICPOES-0GEN-1010e	ICPOES-0GEN-1010e - Agilent 5110 ICP-OES Essentials: Introduction to ICP-OES	0.25
SPECTRO	Beginner	ICPOES-0GEN-1020e	ICPOES-0GEN-1020e - Agilent 5110 ICP-OES Essentials: ICP-OES Hazards and Safety Practices	0.25
SPECTRO	Beginner	ICPOES-5110-1100fs	ICPOES-5110-1100fs - Running Start for Agilent 5110 ICP-OES with ICP Expert	3.5
SPECTRO	Beginner	ICPOES-5110-1120e	ICPOES-5110-1120e - Agilent 5110 ICP-OES Daily Acquisition Tasks	0.25
SPECTRO	Beginner	ICPOES-5110-1200e	ICPOES-5110-1200e - Agilent 5110 ICP-OES Instrumentation Overview	0.3
SPECTRO	Beginner	ICPOES-5110-1270e	ICPOES-5110-1270e - Agilent 5110 ICP-OES Maintenance and Troubleshooting	0.25
SPECTRO	Intermediate	ICPOES-5110-2121e	ICPOES-5110-2121e - Agilent 5110 ICP-OES Common Interferences and Correction Choices	0.3
SPECTRO	Beginner	ICPOES-EX-1100e	ICPOES-EX-1100e - Agilent 5110 ICP Expert Software Part I	0.3
SPECTRO	Beginner	ICPOES-EX-1101e	ICPOES-EX-1101e - Agilent 5110 ICP Expert Software Part II	0.25
SPECTRO	Intermediate	ICPOES-Expert-2100sc	ICPOES-Expert-2100sc - Agilent 5100/5110 ICP-OES with ICP Expert Acquisition and Quantification with Cloud Lab	1.75
SPECTRO	Beginner	UVVIS-0GEN-1080z	UVVIS-0GEN-1080z - Agilent Cary UV-VIS - Choosing Cuvettes and Solvents	0.1
SPECTRO	Beginner	UVVIS-3500-1200z	UVVIS-3500-1200z - Agilent Cary 3500 UV-Vis Hardware Overview	0.08
SPECTRO	Beginner	UVVIS-3500-1201z	UVVIS-3500-1201z - Agilent Cary 3500 UV-Vis Hardware Components Installation Guide	0.1
SPECTRO	Intermediate	UVVIS-3500-2190z	UVVIS-3500-2190z - Agilent Cary 3500 UV-Vis - Temperature Probes Installation and Care	0.18
SPECTRO	Intermediate	UVVIS-3500-2200z	UVVIS-3500-2200z - Agilent Cary 3500 UV-Vis System Maintenance	0.1
SPECTRO	Intermediate	UVVIS-3500-2260z	UVVIS-3500-2260z - Agilent Cary 3500 UV-Vis - Changing the Engine Lamp Assembly	0.12
SPECTRO	Beginner	UVVIS-MULTI-1100s	UVVIS-MULTI-1100s - Basics of UV-Visible Spectroscopy	1.25
SPECTRO	Beginner	UVVIS-UVW-1100z	UVVis-UVW-1100z - Agilent Cary UV Workstation Software Overview	0.1
SPECTRO	Beginner	UVVIS-UVW-1120z	UVVIS-UVW-1120z - Agilent Cary UV Workstation - Create and Run a Method	0.17
SPECTRO	Beginner	UVVIS-UVW-1130z	UVVIS-UVW-1130z - Agilent Cary UV Workstation - Analyze the Data	0.17
SPECTRO	Beginner	UVVIS-UVW-1260z	UVVIS-UVW-1260z - Agilent Cary UV Workstation - System Validation Tests	0.08
SPECTRO	Intermediate	UVVIS-UVW-2120z	UVVIS-UVW-2120z - Agilent Cary UV Workstation - Advanced Methods Setup	0.1
SPECTRO	Intermediate	UVVIS-UVW-2130z	UVVIS-UVW-2130z - Agilent Cary UV Workstation - Advanced Data Analysis	0.08
SPECTRO	Intermediate	UVVIS-UVW-2270z	UVVIS-UVW-2270z - Agilent Cary 3500 UV-Vis - Troubleshooting Guide	0.1

Software

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
SOFTWARE	Beginner	SW-ECM-0001r	SW-ECM-0001r - Understanding ECM File Management	0.1
SOFTWARE	Beginner	SW-ECM-0002r	SW-ECM-0002r - Understanding ECM XT File Management	0.1
SOFTWARE	Beginner	SW-ECM-1800s	SW-ECM-1800s - OpenLAB CDS ECM XT User/Operator Training (Ver. 2.2)	1.5
SOFTWARE	Beginner	SW-ECM-1800sV2	SW-ECM-1800sV2 - OpenLAB CDS ECM XT User/Operator Training (Ver. 2.3)	1.5
SOFTWARE	Beginner	SW-MH-1820z	SW-MH-1820z - MassHunter Quantitative Analysis Compliance Overview	0.11
SOFTWARE	Beginner	SW-MH-1821zs	SW-MH-1821zs - MassHunter Quantitative Analysis Compliance Security - Starter	0.17
SOFTWARE	Beginner	SW-MH-1822zs	SW-MH-1822zs - MassHunter Quantitative Analysis Compliance - Audit Trail - Starter	0.36
SOFTWARE	Beginner	SW-MH-1823zs	SW-MH-1823zs - MassHunter Quantitative Analysis Compliance Users and Groups	0.07
SOFTWARE	Beginner	SW-MH-1824zs	SW-MH-1824zs - MassHunter Quantitative Analysis Compliance - Audit Trail Map (ATM) - Starter	0.2
SOFTWARE	Beginner	SW-MH-1825z	SW-MH-1825z - MassHunter Quantitative Analysis Compliance - Excel-based Report Security - Starter	0.13
SOFTWARE	Intermediate	SW-MH-2160r	SW-MH-2160r - MassHunter Quantitative Analysis Basic Reporting (Ver. B.07)	0.37
SOFTWARE	Intermediate	SW-MH-2820zs	SW-MH-2820zs - MassHunter Quantitative Analysis Compliance - Advanced Topics	0.49
SOFTWARE	Advanced	SW-MH-3160zs	SW-MH-3160zs - MassHunter Quantitative Analysis QRS (Ver. B.07)	0.75
SOFTWARE	Advanced	SW-MH-3170zs	SW-MH-3170zs - PDF Report Builder (Ver. B.08)	0.56
SOFTWARE	Advanced	SW-MH-3171r	SW-MH-3171r - MassHunter Qualitative Analysis Report Template Customization (Ver. B.07)	1.2
SOFTWARE	Advanced	SW-MH-3171s	SW-MH-3171s - MassHunter Excel Quantitative Report Customization Recorded Lecture Series (Ver. B.07)	4.5
SOFTWARE	Advanced	SW-MH-3172zs	SW-MH-3172zs - Insider Secrets to LINQ Query Customization	0.75
SOFTWARE	Beginner	SW-MPP-1130z	SW-MPP-1130z - Getting Started with Mass Profiler Professional	10.1
SOFTWARE	Beginner	SW-MPP-1131z	SW-MPP-1131z - Mass Profiler Professional Training Videos	6.5
SOFTWARE	Beginner	SW-MPP-1132z	SW-MPP-1132z - Using MassHunter Profinder to Prepare Data	1.4
SOFTWARE	Beginner	SW-OL-1100zs	SW-OL-1100zs - Agilent OpenLAB CDS ChemStation Software eFamiliarization (Ver. C.01.07)	7.7
SOFTWARE	Beginner	SW-OL-1130z	SW-OL-1130z - OpenLAB CDS ChemStation Edition Data Analysis Workflows	2
SOFTWARE	Beginner	SW-OL-1800z	SW-OL-1800z - OpenLAB CDS ChemStation Edition Shared Services Introduction	2
SOFTWARE	Intermediate	SW-OL-2100r	SW-OL-2100r - OpenLAB CDS ChemStation Revision B to C Migration Seminar	2
SOFTWARE	Intermediate	SW-OL-2170z	SW-OL-2170z - OpenLAB CDS ChemStation Edition Introduction to Intelligent Reporting	2
SOFTWARE	Beginner	SW-OLII-0001	SW-OLII-0001s - Preparing for Your OpenLab CDS Client/Server Installation Engagement	1
SOFTWARE	Beginner	SW-OLII-0003r	SW-OLII-0003r - Enable Your Compliance Workflow with OpenLab CDS	0.2
SOFTWARE	Beginner	SW-OLII-0005r	SW-OLII-0005r - Understanding OpenLab Server File Management	0.1
SOFTWARE	Beginner	SW-OLII-0006s	SW-OLII-0006s - Preparing for Your Migration from OpenLab CDS ChemStation Edition to OpenLab CDS	0.3
SOFTWARE	Beginner	SW-OLII-004s	SW-OLII-0004s - OpenLab CDS Client/Server Pre-Installation Essentials for Operators (Version 2.4)	0.3
SOFTWARE	Beginner	SW-OLII-1100zs	SW-OLII-1100zs - Agilent OpenLAB CDS Software eFamiliarization (2.1)	6
SOFTWARE	Beginner	SW-OLII-1100zsV2	SW-OLII-1100zsV2 - Agilent OpenLAB CDS Software eFamiliarization (2.3)	3.5
SOFTWARE	Beginner	SW-OLII-1100zsV2	SW-OLII-1100zsV2 - Agilent OpenLAB CDS Software eFamiliarization (2.3) - Spanish	3.5
SOFTWARE	Beginner	SW-OLII-1100zsV2	SW-OLII-1100zsV2 - Agilent OpenLAB CDS Software eFamiliarization (2.3) - Italian	3.5
SOFTWARE	Beginner	SW-OLII-1100zsV2	SW-OLII-1100zsV2 - Agilent OpenLAB CDS Software eFamiliarization (2.3) - French	3.5
SOFTWARE	Beginner	SW-OLII-1100zsV2	SW-OLII-1100zsV2 - Agilent OpenLAB CDS Software eFamiliarization (2.3) - German	3.5
SOFTWARE	Beginner	SW-OLII-1100zsV3	SW-OLII-1100zsV3 - Agilent OpenLab CDS Software eFamiliarization (2.4)	3.5
SOFTWARE	Advanced	SW-OLII-3170s	SW-OLII-3170s - OpenLAB CDS Custom Reporting and Calculations (Version 2.1)	10

Sample Preparation

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
SAMPLE PREPARATION	Beginner	SP-0GEN-1000s	SP-0GEN-1000s - Introduction to Sample Preparation	0.5
SAMPLE PREPARATION	Beginner	SP-0GEN-1000z	SP-0GEN-1000z - Improving the Quality of your Chromatography Data by Optimizing Sample Prep Techniques	0.8
SAMPLE PREPARATION	Intermediate	SP-0GEN-2000z	SP-0GEN-2000z - Sample Preparation Techniques for Biological Matrices	1
SAMPLE PREPARATION	Beginner	SP-FLT-1100z	SP-FLT-1100z - Filtration Approaches to Sample Preparation and Cleanup	0.9
SAMPLE PREPARATION	Beginner	SP-QRS-1100zs	SP-QRS-1100zs - Sample Preparation Using QuEChERS	0.2
SAMPLE PREPARATION	Intermediate	SP-QRS-2100z	SP-QRS-2100z - Advanced QuEChERS Method Development	0.8
SAMPLE PREPARATION	Beginner	SP-SPE-1000z	SP-SPE-1000z - Solid Phase Extraction	0.2
SAMPLE PREPARATION	Intermediate	SP-SPE-2000z	SP-SPE-2000z - Simple Approaches to SPE Method Development	0.2
SAMPLE PREPARATION	Intermediate	SP-SPE-2100z	SP-SPE-2100z - Tips and Tricks and Tools for Selecting and Developing and Implementing Simple and Successful Solid Phase Extraction	0.8

Sample Introduction

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
SAMPLE INTRODUCTION	Beginner	SI-7693-1100s	SI-7693-1100s - Agilent 7693A ALS Basic and Advanced Operation and Maintenance	3
SAMPLE INTRODUCTION	Beginner	SI-7696-1100s	SI-7696-1100s - Agilent 7696A Sample Prep WorkBench Operation	5
SAMPLE INTRODUCTION	Beginner	SI-7697-1220e	SI-7697-1220e - Agilent 7697A Headspace Sampler Pneumatics Overview	0.5
SAMPLE INTRODUCTION	Intermediate	SI-7697-2100fs	SI-7697-2100fs - Agilent 7697A Headspace Sampler Operation and Maintenance	5
SAMPLE INTRODUCTION	Intermediate	SI-7697A-2260r	SI-7697A-2260r - How to Run the 7697A Headspace Sampler Restriction and Leak Tests	1
SAMPLE INTRODUCTION	Beginner	SI-TD-1220z	SI-TD-1220z - Carrier Gas Flow Through TD-100E	0.1
SAMPLE INTRODUCTION	Intermediate	SI-TD-2110z	SI-TD-2110z - Tube and Sorbent Selection for Thermal Desorption	0.13
SAMPLE INTRODUCTION	Intermediate	SI-TD-2120z	SI-TD-2120z - Setting up Thermal Desorption Method Parameters	0.18

Laboratory Practice

["Back to Index"](#)

Technique	Level	Course Number	Course Name	Duration (hours)
LABORATORY PRACTICE	Beginner	LAB-0GEN-1100r	LAB-0GEN-1100r - Electronic Balance Basics	0.25
LABORATORY PRACTICE	Beginner	LAB-0GEN-1101r	LAB-0GEN-1101r - Class A Volumetric Pipettes	0.3
LABORATORY PRACTICE	Beginner	LAB-0GEN-1102r	LAB-0GEN-1102r - Volumetric Micropipettes	0.25

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