

Superior laboratory training, the LabTrain way!!!

LabTrain is a scientific business, providing quality laboratory related training courses. Our training courses offered covers specific analytical instrumental techniques, managing a laboratory and other essential required laboratory activities.



Currently these training courses are:

HPLC Essential

Fundamentals of GC

Total Organic Carbon Analysis

GLP and Basic Analytical Techniques

Laboratory Management

Laboratory Safety

The courses presented have been a part of our unique solution to expand the skills of chemists beyond that which their schooling and experience can provide. LabTrain has specialised in this high-tech, professional laboratory training for many years now. The course materials have been developed and continuously updated to remain current with industry trends. The LabTrain training courses are designed to empower staff with the correct skills, knowledge and attitudes to carry out their jobs. Our training culture is to work on a real understanding of the topics, and not just the facts. All our trainers have had years of hands-on experience in their



fields and are able to relate to day-to-day problems laboratory staff encounter. The courses are supplemented by comprehensive course notes, and post course advice if required. All delegates are required to complete a questionnaire at the end of course. All courses are held in our offices in Johannesburg. We also offer these courses as in-house training that can be customised to suit your specific requirements. Institutions who have utilized previous LabTrain courses are:

Institutions who have utilized LabHouse training:



SAPS Forensic Science Laboratory, Rand Water Board, Sasol Synthetic Fuels, Technikon Pretoria, SABS, Eskom, Dept Health, FSL, JHB, PTA and CT Dept of Agriculture, Pretoria Chevron-Texaco, Angola City Power, Johannesburg Air Liquide, Engen, Mintek, Umgeni Water, Technikon Laboratories, Aspen Pharmacare, Sappi Richards Bay, Montego Foods, Sedibeng Water, Nulandis, Northwest University

ABOUT THE LECTURER:



Analytical Chemistry expert, Daniel Garside, has a Master of Science degree in Analytical Science from UCT and has had over 35 years of chromatography experience in both HPLC and GC. He spent a year at Lennon Limited (now Aspen Pharmacare) in the R&D department developing HPLC and GC methods for the QC pharmaceutical field. He was Beckman's HPLC Product Specialist for 4 years where, besides the sales and support on the new System Gold HPLC, he also devised and ran the HPLC training course. In 1990 he formed Kayprime where he ran a number of successful HPLC courses as well as consulting to various clients in various laboratory applications.

This was followed by a 6-year period selling Shimadzu HPLC and GC systems and providing support and training to Shimadzu users. He is very well known throughout the country for his knowledge and ability on various analytical techniques. He set up LabHouse for over 22 years thereafter selling the business to become a Product Manager for Microsep. He was extensively involved with Tekmar's Total Organic Carbon analysers and their Purge and Trap systems. He was also involved with LabHouse's own contract lab in the early 2000's setting up the GLP processes and Lab Management thereof. He has travelled overseas numerous times to Japan, USA, Asia, Middle East and Europe for training on HPLC and GC as well as related techniques during his career.



On the course itself:

"Very good detailed explanations and practical applications to back up"

"Every concept was clearly illustrated"

"Solved all the problems I have experienced so far"

On the theoretical practicals:

"It seems to cover about everything and really boosts your knowledge and confidence"

"Real life situations well put through"

"Great in understanding theory and getting real practical"



On the lecturer:

"Really made sure you understand a concept clearly"

"Well put together. The lecturer prepared very well for the lectures"

"He really knows his stuff"





ESSENTIAL HPLC COURSE (3 days):

The definitive course condensing all you need to know about HPLC, the theory, practical aspects and trouble-shooting. Strong on instilling intuitive thinking, the course relies on the use of theoretical practicals based on real-life examples, as well as the use of DryLab HPLC optimization software which is used to model and explain HPLC parameter changes. No other HPLC course can offer these capabilities in coming to grips with the terms and aspects of this technique. Highly recommended!



FUNDAMENTALS OF GC (3 days):

This training course is set up for both experienced users, enabling them to "put everything together"; as well as for beginners, where it would definitely give them an unfair head-start. The course enhances the understanding of this analytical separation technique and allows for a generic understanding of GC operation, regardless of the make of GC attendees may have. Advanced sample introduction systems in GC are also discussed.



LABORATORY MANAGEMENT (2 days):

This covers all skills needed by Lab Managers, Supervisors or those pursuing or being groomed for a senior lab position. Technical aspect of running a laboratory along GLP lines is covered extensively as well as the human interaction element. Practical role plays of real-life lab situations are undertaken to hammer home the reality of dealing with staff.





GOOD LABORATORY PRACTICE (2 days):

An ideal course for lab staff requiring the understanding of the concept of GLP and its way towards accreditation. Aspects on how to make a better analyst are covered and the concept of GLP to ultimately prevent bad results from being generated is focused on. All aspects of the lab are looked at in terms of GLP reasoning.

LAB SAFETY (1 day):

A very important training course to attend for new lab users and those faced with newer, stringent safety regulations. All aspects are covered, such as hazard identification and risk assessment; chemical and physical lab hazards; equipment safety; PPE, to name a few of many topics covered.



For the latest training schedule for this year, contact us below.



Contact Details:

LabTrain (Pty) Ltd

E-mail: daniel@labtrain.co.za

Cell: 083 384 5299