

PETRO- AND GASANALYSIS

Discover the power of GC in Petro-analysis

The IS-X Academy introduces an innovative knowledge module that reveals the power of gas chromatography. This hands-on training is designed to strengthen both theoretical knowledge and practical skills.

Our experts share their in-depth knowledge and experience through this interactive session where a number of concepts, such as, backflush, Deans Switch, Valco tap, discrimination or hydrogenation in the injector, and concepts such as circuit diagrams or push-on stations are clearly explained.

Students will receive a thorough introduction to these applications within petrochemicals, including specialized application areas such as Simulated Distillation, Refinery Gas Analysis and Detailed Hydrocarbon Analysis.

Course Topics

- **Sample Injection and Preparation:** Learn how to properly prepare and inject samples into the gas chromatograph.
- **Calibration and Quantification:** Understand the importance of calibration standards and learn how to create a calibration for quantitative analyses.
- **Split Ratio Optimization:** Experiment with different split ratios (split/splitless) to improve the sensitivity and resolution of the GC analysis
- **Backflush technique:** Learn how to use this technique to quickly remove non-retentive components from the column



On request



Brand independent



1 day training



€ 1275,- / participant

