Gas Chromatography

Introduction
Today we know much more than 1 million organic compounds. Many samples with organic substances very often contain a more or less large number of organic components. The fact is that not all compounds but a large number are of great interest for application of he material, qualitative composition and quantitative amounts are demanded. No others than highly efficient separation methods can solve the problem. This course is concentrating in chromatographic separation of gaseous compounds: gas chromatography.

Contents
- Chromatographic theories
- GC-instrument, carrier gases, injectors, columns, detectors, software
- Optimisation of experimental conditions
- Sample analysis
- Interpretation of analytical data
- Statistical evaluation
- Troubleshooting
- Safety aspects in chromatography

Organisation
The authors present the subjects in a series of lectures. A discussion and training session follows after each lecture.

Participants
Chemists, engineers, lab-technicians, head of laboratories,
managers of department of testing

Duration 5 days

Time November 2007

Authors
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Language
English and Arabic

Certificate
After successful participation a certificate will be provided.

Local organisation
ITA International Training Agency

Partner organisation
Talecon is official partner of ITA International Training Agency, Beirut, with branch in Tripoli, Libya

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