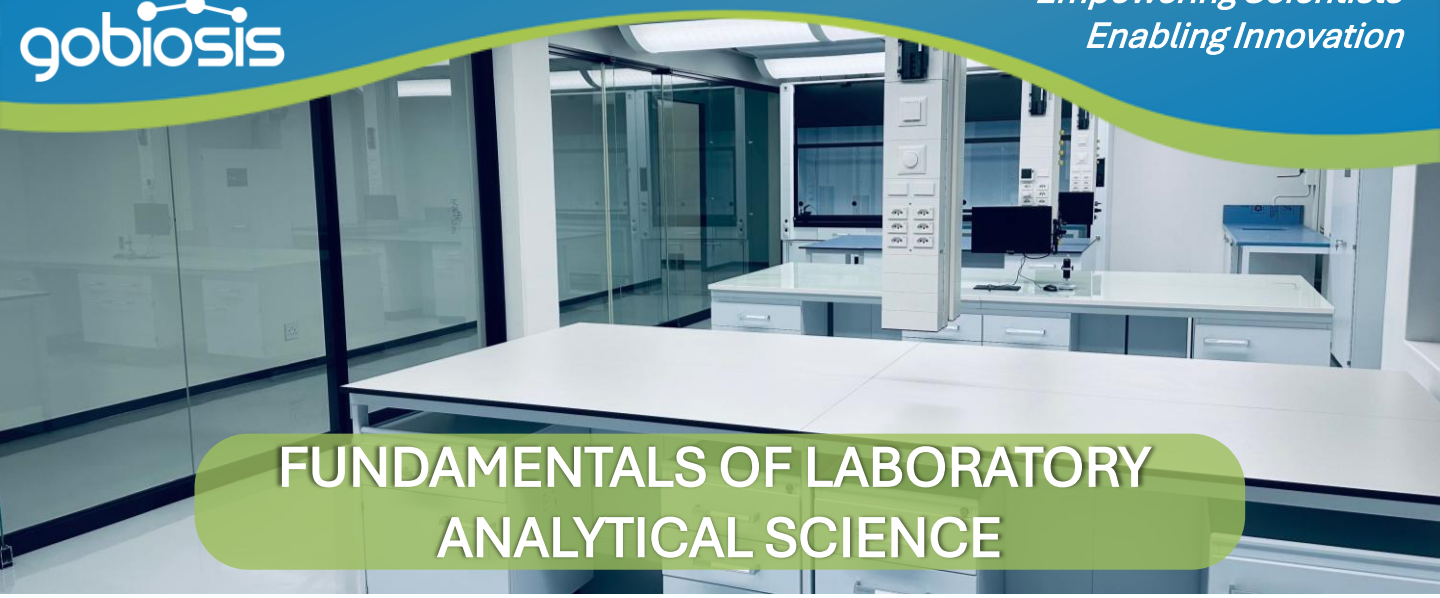
gobiosis

Empowering Scientists
Enabling Innovation



FUNDAMENTALS OF LABORATORY ANALYTICAL SCIENCE

COURSE OBJECTIVES:

This course introduces participants to the foundational principles of analytical science, covering essential laboratory techniques, data analysis, safety protocols, and quality assurance practices. Ideal for beginners or those seeking a refresher, this course bridges theory with practical, hands-on learning.

KEY TOPICS COVERED:

1. Introduction to Analytical Science
2. Laboratory Safety and Good Laboratory Practice (GLP)
3. Sampling and Sample Preparation
4. Classical Analytical Techniques
5. Instrumental Analytical Techniques
6. Data Analysis and Interpretation
7. Quality Assurance and Quality Control
8. Emerging Techniques and Applications

LEARNING OUTCOMES:

- Apply classical and modern laboratory techniques confidently
- Operate essential analytical instruments
- Interpret and validate experimental data
- Follow GLP and safety protocols
- Understand the role of QA/QC in laboratory work

CONTACT US:

Interested in this course? Contact us at info@gobiosis.com for more details.

Gobiosis International (Pty) Ltd
563 Old Pretoria Road, Midrand Business Park, Midrand 1685, South Africa