Health & Safety Fundamentals in Chemical-Orientated Laboratory

Course Outcomes

This short course will enable delegates to:
- Recognise Laboratory and Chemical Hazards
- How to Complete a Risk Assessment to Assess Risks Associated to these Hazards
- Minimise the Risks via the Hierarchy of Controls
- Prepare for Laboratory Emergencies
- Understand & Interpret Safety Data Sheets

Target Audience

- Laboratory based:
  - ✳ Post-graduate students
  - ✳ Post-doctorate students
  - ✳ Assistants
  - ✳ Technicians
  - ✳ Scientific officers
  - ✳ Managers & supervisors
- School Science teachers
- School Science technicians

Costs

- R650-00 for UCT Attendees
- R1250-00 pp (Ex VAT) for External Attendees

Alternatively, request a quotation for group training @ 25% discount. Min 10 persons to attend.

Course Contents

- Characteristics of Risk-Based Safety Culture
- Recognizing Hazards
  - Chemical
  - Physical
  - Radiation
  - Biological
- Assessing Risks
- Minimizing Risks via the Hierarchy of Controls
  - Elimination
  - Substitution
  - Engineering: Fume hoods
  - Administrative Controls: Housekeeping, Signage
  - Laboratory Ergonomics
  - Standard Operating Procedures
  - PPE
- Preparing for Emergencies
  Emergency Equipment
- Emergency Response
  Chemical Spill Clean-up
- Basic Chemical Safety Fundamentals
  - GHS
  - Chemical Hazards & Segregation
- Safety Data Sheets

Need also to Complete:
- In Class Activities
- Summative Quiz

Course Dates 2025

TBA
Alternatively, inhouse group training can be arranged to client's requirements
F2F or as LOT
1 x full day/alternatively,
2 x 5-hour days.

Bookings

UCT Staff on
SuccessFactors

UCT Students & External Attendees:
Online Registration Form

Facilitators

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🌐 CEM OHSE Unit

Certificate

UCT Accredited Successful Attendance Certificate upon successful completion of assessment