

LABORATORY SAFETY

Introduction

Laboratory safety is a significant legal and moral responsibility for those who work in both academic and industrial laboratories. This course provides health and safety information about handling laboratory equipment and chemicals and provides safety and first aid related tips in the event of an emergency.

Course Overview

At the end of the course, trainees will be able to:

- » Understand why laboratory safety is important
- » Identify the common hazards and warning signs related to laboratory safety
- » Understand the procedure to follow in case of an emergency, such as a spill, a fire or an explosion
- » Identify which types of PPE are appropriate for laboratory work
- » Recognise which injuries result from laboratory accidents and also state the first aid procedures to follow for common laboratory injuries.

Course chapters

1. Introduction

Discover the importance of laboratory safety and also learn about the common sources of hazards in laboratories.

2. General safety

Safety tips related to various aspects of laboratory safety, such as general and equipment safety, personal hygiene, good housekeeping, fire safety, and emergency procedures.

3. Personal protective equipment

In this section you will learn about PPE regulations and various types of PPE that are appropriate for laboratory work.

4. First aid

Discover the common injuries that result from laboratory accidents and the first aid that should be given in case of these injuries.

Who will it benefit?

This course is designed for those who work in either academic or industrial laboratories.

