



**Environment, Health, & Safety
Training Program**

EHS 345 ~ Chemical Hygiene for Facilities

Course Syllabus

Subject Category: Occupational Health
Course Length: 30 minutes
Delivery Mode: Online

Course Prerequisite: No
Medical Approval: No

Course Purpose: This course is designed to familiarize Facilities employees with the principles of chemical hygiene and safety so that they are able to recognize the hazards associated with using chemical products in the course of their work and select and use the appropriate controls and work methods to work safely.

Course Objectives:

After completing this training, the participant should be able to:

- Locate the Lab's Chemical Hygiene and Safety plan and explain how it can be used to make safe work decisions.
- Recall the posting requirements for work areas containing hazardous chemicals or materials.
- Interpret product labels, pictograms, and Safety data sheets and use these to identify the hazards, controls and protective measures needed to reduce or prevent exposure to chemicals you use.
- Identify first aid response measures related to the chemical products you use.
- Recognize warning signs of chemical exposure and what to do.
- Explain what an exposure assessment is and why it is performed.
- Determine how to store chemicals safely using secondary containment and ensuring compatibility.
- Properly label secondary containers so that others know what is in the container and its primary hazard.

Course Instructional Materials: Online course

Training Compliance Requirements: Required for Facilities crafts personnel who enter lab space to conduct work or who work on lab decommissioning projects.

Participant Evaluation: Written evaluations regarding the effectiveness of the training.

Written Exam: No

Practical Exam: No

Retraining/Recertification: 3 years

WEB Resource: LBNL EHS Training Program web page @ <https://training.lbl.gov/bltCourses.html>