



COURSE #LABHSW201

HSW IN THE DESIGN OF SCIENCE & LABORATORY ENVIRONMENTS

[PROVIDER #40107939]

COURSE DESCRIPTION

The dangers that exist within science labs and research facilities are extensive and require special consideration during the design and development phases of construction. Whether it is a new building or the renovation of an existing facility, safety concerns must be established and incorporated into design considerations. This course will discuss safety concerns with the placement of fume hoods, workstation layouts, use of safety stations and equipment and general safety concerns within lab and science facilities.

KEY OBJECTIVES

- Obtain an understanding on how external factors affect the appropriate placement of fume hoods.
- Acquire a comprehension of the appropriate layout and placement of emergency equipment and supplies.
- Discuss how the use and occupancy load of a lab affects the safety issues within the design process of the facility.
- Gain an appreciation for the safety aspects of workstation design as to it's influence on safety issues.

Credit(s) earned on completion of this course will be reported to AIA CES for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request. This course is registered with AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.