

Critical Work Function: Comply with applicable regulations and standards

Key Activity | Participate in required training

Title: Safety training compliance

Assessment:

It is important that bioscience technicians comply with any company policies that address training. Most technicians will be required to complete a safety training program upon employment. Requiring bioscience students to complete safety training within the learning environment is a prudent addition to any curriculum. Not only should students undergo the training, but they should also demonstrate proficiency in the topics addressed. Instructors may want to ensure that students undergo some sort of safety training on a yearly basis, if applicable. In determining if a student is accomplished at the task of participating in required training, the instructor should consider the following:

- Did the student complete the training by the required date?
- Does the student demonstrate proficiency in the subject on which they have been trained? (This may best be done by a written exam.)

Online training is a common delivery method used by many companies and agencies. In addition to providing students with a safety orientation within their own laboratory workspaces, students can be required to complete online training by a set date. The NIH maintains online safety training modules that may be used for these purposes.

Students should be directed to the NIH website and instructed to create an account. The current url is: <https://www.safetytraining.nih.gov/loginNNIH.aspx?pg=> Upon registration, students should update their “Employee Information” to indicate the following:

- NIH Badge ID #: Check the box for “I do not have an NIH Badge ID number”
- Institute Assignment: CC
- Job Function Category: Lab Work
- My Role at NIH: Guest (Non-NIH)

From the available online courses, students should select “Introduction to Lab Safety- On-Line Training by clicking the “Begin Introduction to Lab Safety- On-Line Training” button. This course has the following description:

This is an introductory course in laboratory safety to be completed prior to attending the classroom course Laboratory Safety at the NIH. This course introduces laboratory personnel to common hazards and exposure risks, including chemical, radiological and biological hazards that are found in NIH research laboratories. The course provides instruction on how to prevent exposure to these hazards and emergency response procedures in case of exposure. The course covers NIH waste handling procedures as well as provides useful information on methods to ensure the research laboratory is free from common physical hazards. This course also provides information on security

[Pick the date]

policies and procedures on the NIH campus as well as in the research laboratory.

Course Availability: This course is an on-line course. Login Below.

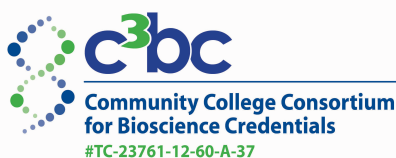
Requirement: Mandatory training for new laboratory research employees including visiting scientists, summer research associates, and summer students.

Course Length / Duration: 1 hour

Students should be required to submit a printout of their Trainee Transcript by a specified date.

Resources for teaching:

- Seidman, L.A., and C.J. Moore. 2009. Basic Laboratory Methods for Biotechnology Pearson Education, Inc., San Francisco, CA.
- Seidman, L.A., M.E. Kraus, D.L. Brandner, J. Mowery. 2011. Laboratory Manual for Biotechnology and Laboratory Science Pearson Education, Inc., San Francisco, CA.



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