

## New Student Safety Training

April 2022

### Safety Training and Education for Students (STEPS)

These courses mirror the New Employee Safety Orientation Program (NESOP) required of all new TTUHSC employees.

- Employee Safety Orientation – 23 minutes
  - This course informs personnel of the importance of following safe practices in the workplace. Additionally, it covers some preventative measures that will protect them from hazards and how to respond if an emergency should occur.
- Emergency and Fire Preparedness – 25 minutes
  - This course creates awareness about the dangers of fire and other emergencies, provides an overview of the requirements for emergency action and fire prevention plans, and touches on best practices for responding to alarms and practicing preparedness through drills. This lesson does not cover how to prepare for hazardous waste material emergencies or responses such as cleanup.
- Slips, Trips, and Falls – 23 minutes
  - This course enables personnel to identify hazardous conditions and unsafe practices that can lead to slips, trips, and falls in the workplace, good housekeeping practices, appropriate corrective actions for eliminating hazardous walking and working surface conditions, appropriate behavior for the workplace, and personal protective equipment (PPE) that can help prevent slips, trips, and falls.
- Pandemics: Slowing the Spread -17 minutes
  - Personnel will learn actions they can take to slow down the transmission of a pandemic virus, what they can do to prevent becoming infected with and transmitting cold and influenza viruses, as well as actions to take if they become infected. Specifically, they will learn about the coronavirus, symptoms of the COVID-19 strain, and what you should do if you feel sick.
- **STEPS total time requirement: 88 minutes**

## Laboratory Safety Essentials (LSE)

These courses are required for all TTUHSC personnel (faculty, staff, students, volunteers) who may work in a research or academic laboratory containing biological, chemical, radiological, sharps, and other similar hazards to which workers may be exposed in the course of their duties there.

### LSE Section 1

- University Laboratory Safety – Working Safely – 30 minutes
  - This course teaches procedures and prudent practices for working safely in the lab, how to recognize exposure to hazards, procedures to follow during work and in case of emergencies, and how to best secure the lab.
- University Laboratory Safety – Analyzing Hazards – 42 minutes
  - This course addresses the physical, chemical, biological and radiological hazards that can be part of any research and academic laboratory environment.
- Risk Assessment – 20 minutes
  - This course is an introduction to risk, risk assessment, and risk control, to help minimize the consequences of risks associated with laboratories.
- Chemical Safety – 20 minutes
  - This course covers the required awareness training on the occupational hazards common to the handling and use of chemicals; measures workers can take to protect themselves from chemical hazards; safe practices for chemical storage and waste disposal; and the correct response to emergency situations involving chemical spills. This lesson does not cover information related to radiological agents, explosives, or biohazardous/infectious agents.
- University Laboratory Safety – Developing and Using Controls – 30 minutes
  - This course addresses various types of controls put in place to protect laboratory workers, with an emphasis on engineering and administrative controls, as well as personal protective equipment (PPE).
- **LSE Section 1 total time requirement: 142 minutes**

## **LSE Section 2**

- Bloodborne Pathogens (BBP) – 20 minutes
  - This course will familiarize workers with the steps that can be taken to minimize risk of exposure to bloodborne pathogens in the workplace.
- Sharps Safety – 20 minutes
  - This course introduces the safety procedures that laboratory workers who use sharps must follow in order to prevent cut and puncture injuries, and any hazardous exposures that might result from those injuries. The lesson addresses how to use and dispose of sharps safely as well as what to do in response to a sharps-related injury.
- Flammable Liquid Safety – 10 minutes
  - This course addresses how to correctly apply hazard recognition principles and safety practices when using flammable liquids in the workplace.
- Laboratory Compressed Gas Safety – 20 mins
  - This course provides an understanding of the hazards of compressed gas and best practices for using, moving, and storing compressed gas cylinders in laboratories.
- Liquid Nitrogen Safety – 20 mins
  - This course provides awareness training for the hazards associated with liquid nitrogen and provides best practices for using, moving, and storing liquid nitrogen dewars in laboratory environments.
- **LSE Section 2 total time requirement: 90 minutes**

**LSE total time requirement: 232 minutes**