

Safety training requirements for lab-based research in ChE

Initial safety training is required for all students who are new to Davidson School of Chemical Engineering (ChE) (e.g.: students coming in from First Year Engineering, or transferring from a different department/School, visiting scholars, students from other departments on campus, or from other universities participating in research activities in ChE labs, etc.). Additional safety training, as specified below, is required before starting to work in the lab.

1. **Initial training** (see below what counts as initial training):

- a. **Starting Fall 2020 semester:** completion of ChE 20000 Lab Safety Fundamentals assignment counts as completion of initial safety training
- b. **Prior to Fall 2020 semester:** attending a safety awareness training session, including the special session during the CHE 20000 class counts as initial training.
- c. **All other students** for whom points (a) and (b) above don't apply, will need to complete the "Lab Safety Fundamentals – Initial" online training and submit the "Certificate of Completion" certificate when logging the completion of safety training.
 - i. Visit Purdue REM's website (<https://www.purdue.edu/ehps/rem/>) and click on the "Training" tile on the left-hand side of the page
 - ii. Find the "Chemical Hygiene Plan -Initial" training and click on the "Lab Safety Fundamentals" link
 - iii. Create a user account with Vivid Learning Systems by clicking on the "Register" button. If you already have an account with Vivid Learning Systems, you can simply log in to complete this training. You can access Vivid Learning Systems at this direct link <https://purdue.vividlms.com/>
 - iv. Find a the "Purdue - University Lab Safety Fundamentals " course in the list of courses offered and complete all modules within this course, including quizzes
 - v. Save a PDF copy of the "Record of Completion" Certificate you receive upon completion of the course. You will need to upload this certificate as part of the documents required when you log the completion of training.
2. Have lab specific safety training, including training on any relevant Standard Operating Procedures (SOPs) with the safety officer (graduate student) for the lab you'll work in.
3. Have Personal Protective Equipment (PPE) training with the safety officer (or PI) for the lab you'll work in.
4. Read the lab specific Chemical Hygiene Plan (CHP) for the lab you'll work in, and complete the Lab Specific CHP Certification (page 87 in the Purdue CHP template: <https://www.purdue.edu/ehps/rem/documents/programs/chp2014.pdf>). Save a PDF copy; you will need to upload it as part of logging the completion of training (if applicable).
5. Complete any specialized training, as identified by your Professor/research supervisor.
6. Complete the Covid Research Space SOP training with the safety officer of the group you join, and sign the "Signature Page" of this document.

Complete the "Training Completion Log" to log the completion of your safety training. You will need the following documents:

- a. *For initial training completion:* "Record of Completion" Certificate received upon completion of "Lab Safety Fundamentals" online module
- b. *For refresher training:* PDF copy of the email received upon completion of the online "Annual Safety Refresher Training"
- c. PDF copy of the signed Lab Specific CHP Certification

Initial training (i.e.: completing the Purdue - University Lab Safety Fundamentals online course), is valid for one academic year. You will need to complete the ChE Specific Online Safety Training Refresher every new academic year thereafter, when you plan on participating in undergraduate research. Lab Specific Chemical Hygiene Plan training, including the submitted signed CHP Certification is valid for one academic year, unless you start research in another lab/group, in which case students need to complete a new lab specific CHP training and submit a new certification valid for the new lab(s) they will be conducting research in.

If you have questions, please contact Dr. Gabriela Nagy:
Email: nagy@purdue.edu or Tel: (765) 496-1710