



General Annual Safety Training Dept of Civil and Environmental Engineering

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UC DAVIS
COLLEGE of ENGINEERING

Why are we here?

- General safety
- Safety program components

Fundamental Legal Rights

Legal right to know:

By law you have the right to know if you are being exposed to hazards in the workplace

Legal right to question:

By law you have the right to question or report safety concerns or hazards either directly or anonymously without fear of reprisal

Potential Hazards in Your Work Area

- Laboratory
 - Chemicals
 - High voltage
- Office
 - Ergonomics
 - Trip hazards
- Shop
 - Electrical hazards
 - Rotating machinery
 - Sharp tools
- Field locations
 - Vehicles, boats, trailers

Common Sense Rules – The Foundation of Safety

1. Identify hazards before you begin any activity
2. Respect all precautions and *do not* take chances
3. Plan what you'll do if something goes wrong
4. Know how and where to get help
5. Don't be embarrassed to ask:
If you're not certain you know how to do it safely, always ask your supervisor, PI, or co-worker before you begin.
6. Never turn a blind eye:
If you see something happening that looks unsafe it is your responsibility to say something. Tell your PI, your supervisor, your DSC, your Department Chair, or me.

Elements of CEE Safety Training

- Injury Illness and Prevention Plan (IIPP)
 - Chemical Hygiene Plan
- Emergency Action Plan (EAP)

CEE Safety Web Site

The screenshot shows a web browser window with the URL cee.engineering.ucdavis.edu. The page header includes the UC DAVIS logo and the text "Civil and Environmental Engineering College of Engineering". A navigation bar contains links for ABOUT, UNDERGRADUATE, GRADUATE, FACULTY & RESEARCH, NEWS, and GIV. A dropdown menu is open, listing various resources. The "Safety" link is circled in red, and a red arrow points to it. Below the navigation is a large photograph of a group of eight people wearing orange safety vests and hard hats on a construction site. The word "Welcome" is overlaid on the bottom left of the photo. At the bottom of the page, there are several small thumbnail images.

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Civil and Environmental Engineering
College of Engineering

ABOUT > UNDERGRADUATE > GRADUATE > FACULTY & RESEARCH > NEWS > GIV

Quick Links >

- Alumni
- Apply
- Safety**
- Calendar
- College of Engineering
- Directory
- Emergency Services
- Department Resources
- Maps and Directions
- Job Opportunities
- Schedule Builder
- Campus Map

Welcome

CEE Safety Web Site

Safety Documents

- [Near Miss / Hazard Report](#) 
- [2019 Injury and Illness Prevention Plan \(IIPP\)](#) 
- [2019 Emergency Action Plan \(EAP\)](#) 
- [Site-Specific Safety Orientation & Training Form](#)
- [Student Project Teams & Volunteers Safety Training Form](#)
- [JAHLL Site-Specific Safety Orientation & Training Form](#)
- [Ghausi Access Agreement](#)
- [Hazardous Waste Labeling](#)
- [Campus Chemical Hygiene Plan](#) 
- [Group Safety Training Refresher](#)

Safety Tips

- [Health and Safety Hazards: A Student's Right to Know](#)
- [Guidelines for Chemical Spill Control](#)
- [Electrical Safety Guidelines](#)
- [Portable Space Heater Fire Regulations](#)
- [Use of Refrigerators and Freezers in Laboratories](#)
- [Compressed Gas Safety](#)
- [Injury Reporting/Emergency Medical Care](#)
- [UC Davis Office Ergonomics](#)
- [UC Davis Ergonomics and Body Mechanics Program](#)

Information for Principal Investigators, Supervisors and Lab Managers

- [Summary of Required Safety Training for New & Existing Research Personnel](#)
- [UC Davis Responsibilities Policy 290-15](#)
- [Safety Program Guidelines for Principal Investigators](#)
- [Safety Management Program Guidelines for Supervisors](#)
- [Safety Management Program Guidelines for Department Chairs](#)
- [Safety Management Program Guidelines for Department Safety Coordinators \(DSCs\)](#)

Injury and Illness Prevention Plan (IIPP)

Q: What is it?

- A documented plan for minimizing and responding to injuries and illness in the workplace.

Q: What is in it?

- System for assuring employee compliance with safe work practices
- Scheduled inspections/evaluation system
- Accident Investigation
- Procedures for correcting unsafe/unhealthy conditions
- Safety and health training and instruction

Report Safety Hazards

You have the right (and responsibility) to report any safety hazard, either directly or anonymously, without any fear of reprisal

- Via the Hazard Report Form found in the Departmental IIPP (Online)
- Alternatively, you may contact:

Department Safety Coordinator (Ghausi Hall)

- Jessica Hazard (jmhazard@ucdavis.edu) (530) 574-7393

Department Safety Coordinator (Bainer Hall)

- Victor Jones (vwjones@ucdavis.edu) (530) 219-3034

Chemical Hygiene Plan (IIPP)

Q: What is it?

- A documented plan and guide for the safe use of chemicals in laboratories.

Q: What is in it?

- Safe Storage, Use and Disposal of Chemicals in Laboratories
- Lab Access Policies

Emergency Action Plan (EAP)

Q: What is it?

- A documented plan for responding to emergencies in the workplace.

Q: What is in it?

- Emergency escape procedures and emergency escape route assignments.
- Reporting fires and other emergencies

EAP – Evacuation and Assembly

In case of an evacuation:

- Close and unlock doors as you leave the area.
- Do not use elevators.
- Use stairwells to first-floor exit doors.
- Use posted exit doors to outside areas.

Designated meeting locations:

(the Ghauri Hall meeting location is circled below)

- 1 Bainer Hall North Side
- 2 Bainer Hall South Side
- 3 Kemper Hall North Side
- 4 Kemper Hall South Side
- 5 Engineering III North Side
- 6 Engineering III South Side
- 7 Academic Surge North Side
- 8 Academic Surge South Side



Occupational Illnesses and Injuries

If you or someone in your lab is injured or becomes ill on the job, notify your supervisor or PI immediately, then:

If 8-5 M-F go to:

Occupational Health Services on California Ave

If after hours/weekends go to:

Davis Urgent Care

Hours: 9am-9pm; 365 days a year

OR

Sutter Davis Hospital

24 hours/365 days a year

OR

Call 911 from a campus phone

530-752-1234 from a cell phone



To Gain Lab Access:

- Email Department Safety Coordinator with lab/PI information
 - Jessica Hazard (Ghausi Hall)
 - Victor Jones (Bainer)
- Complete the online UC Laboratory Safety Fundamentals course and any additional training
- Schedule a site-specific training appointment