



General Annual Safety Training

Dept of Civil and Environmental Engineering



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

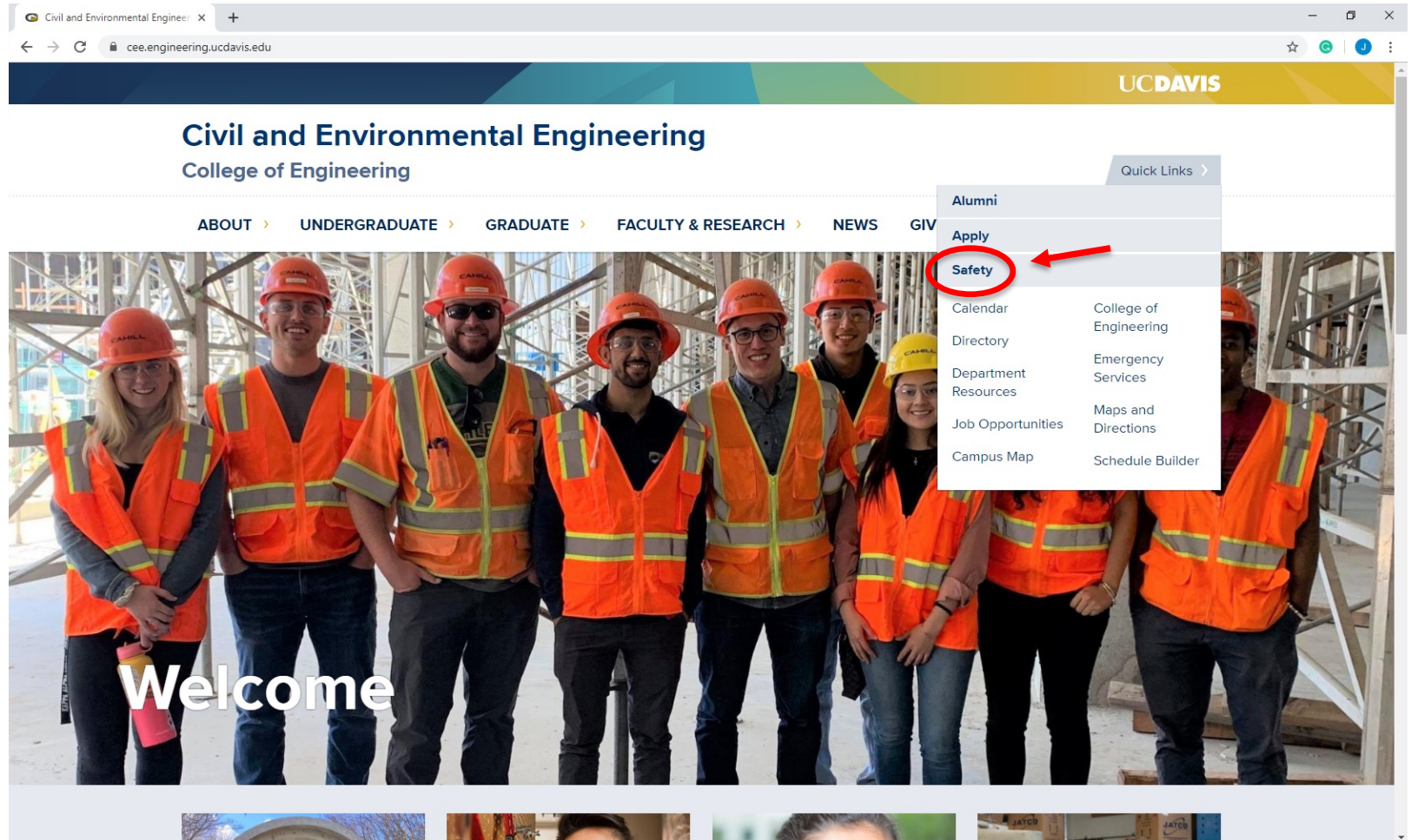
Common Sense Rules – The Foundation of Safety

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 Website



The screenshot shows a web browser displaying the Civil and Environmental Engineering (CEE) website at cee.engineering.ucdavis.edu. The page features a header with the UC Davis logo and the text "Civil and Environmental Engineering College of Engineering". A navigation bar includes links for ABOUT, UNDERGRADUATE, GRADUATE, FACULTY & RESEARCH, NEWS, and GIVE. A "Quick Links" dropdown menu is open, showing options like Alumni, Apply, Safety (highlighted with a red circle and arrow), Calendar, Directory, Department Resources, Job Opportunities, Campus Map, College of Engineering, Emergency Services, Maps and Directions, and Schedule Builder. The main content area features a large photograph of a group of CEE students and faculty wearing orange safety vests and hard hats on a construction site, with the word "Welcome" overlaid in large white text.

CEE Safety Website

[About](#) > [Undergraduate](#) > [Graduate](#) > [Faculty & Research](#) > [News](#) [Give](#) [COVID-19](#)

Safety Documents

- [Near Miss / Hazard Report](#) ←
- [2021 Injury and Illness Prevention Plan \(IIPP\)](#) ←
- [2021 Emergency Action Plan \(EAP\)](#) ←
- [Site-Specific Safety Orientation & Training Form](#)
- [Student Project Teams & Volunteers Safety Training Form](#)
- [JAHM 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](#)

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 Coordinators
 - Jessica Hazard, jmhazard@ucdavis.edu (Ghausi Hall/Bainer Hall)
 - Kara Carr, kjcarr@ucdavis.edu (JAHL)
 - Chad Justice, cljustice@ucdavis.edu (CGM)
 - Dave Jones, djjones@ucdavis.edu (ATIRC)

Chemical Hygiene Plan

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 Evacuation:

- Close and Lock doors as you leave the area.
- Use posted exit doors to outside areas

Meeting Location:

- Academic Surge North Side

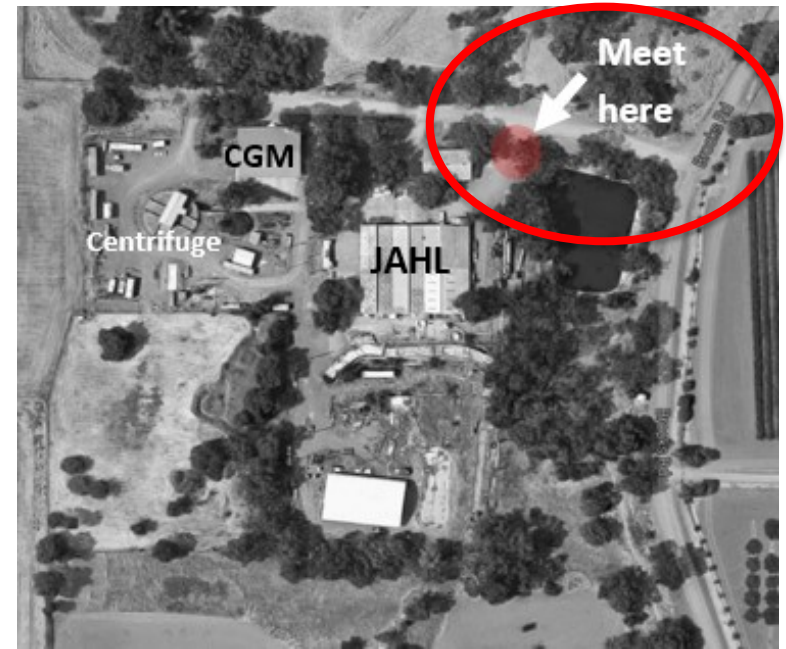
In case of an evacuation

7. Close doors as you leave the area
8. Do not use elevator
9. Use stairwells to first floor exit doors
10. Use posted exit doors to outside areas

Designated meeting locations

(The closest 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. Ghausi Hall North Side
6. Ghausi Hall North Side
7. Academic Surge North Side
8. Academic Surge South Side



LABORATORY INJURY OR EXPOSURE

EMPLOYEES

(Getting paid by UC at time of injury)

Occupational Health Medical Clinic

530-752-6051

WEEKDAYS

8 a.m. – 5 p.m.
(closed 12 – 1 p.m.)

WEDNESDAY

9 a.m. – 5 p.m.
(closed 12 – 1 p.m.)



**Scan for
location**

STUDENTS

(Not getting paid by UC at time of injury)

Student Health and Wellness Center

530-752-2349

(24-hour advice & counseling)

During Quarter:

WEEKDAYS

8 a.m. – 5:30 p.m.

WEDNESDAY

9 a.m. – 5 p.m.



**Scan for
seasonal
hours**

EVERYONE ELSE

**Go to your personal
medical provider.**

AFTER HOURS AND IMMEDIATE TREATMENT FOR EVERYONE

Davis Urgent Care

530-759-9110

OPEN 365 DAYS A YEAR

8 A.M. – 5 P.M.

4515 Fermi Place #105 (Across from Target)

Sutter Emergency Room

530-757-5111

OPEN 24 HOURS

2000 Sutter Place

NOTICES

Explain Exposure: Be prepared to communicate exposure details (e.g., chemical name, biohazard) to medical providers.

Transportation: Arrange an escort when possible. For non-emergencies, you may use a personal vehicle instead of taking an ambulance.

Report: Work related injury/illness claims should be filed as soon as possible at ehs.ucop.edu/efr

CALL 911 IF EMERGENCY OR LIFE-THREATENING

To Gain Lab Access:

- Email Department Safety Coordinator with lab/PI information
 - Jessica Hazard, jmhazard@ucdavis.edu (Ghausi Hall/Bainer Hall)
 - Kara Carr, kjcarr@ucdavis.edu (JAHL)
 - Chad Justice, cljustice@ucdavis.edu (CGM)
 - Dave Jones, djjones@ucdavis.edu (ATIRC)
- Complete the online 'UC Laboratory Safety Fundamentals' course and any additional training
- Schedule a site-specific training appointment