



## 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



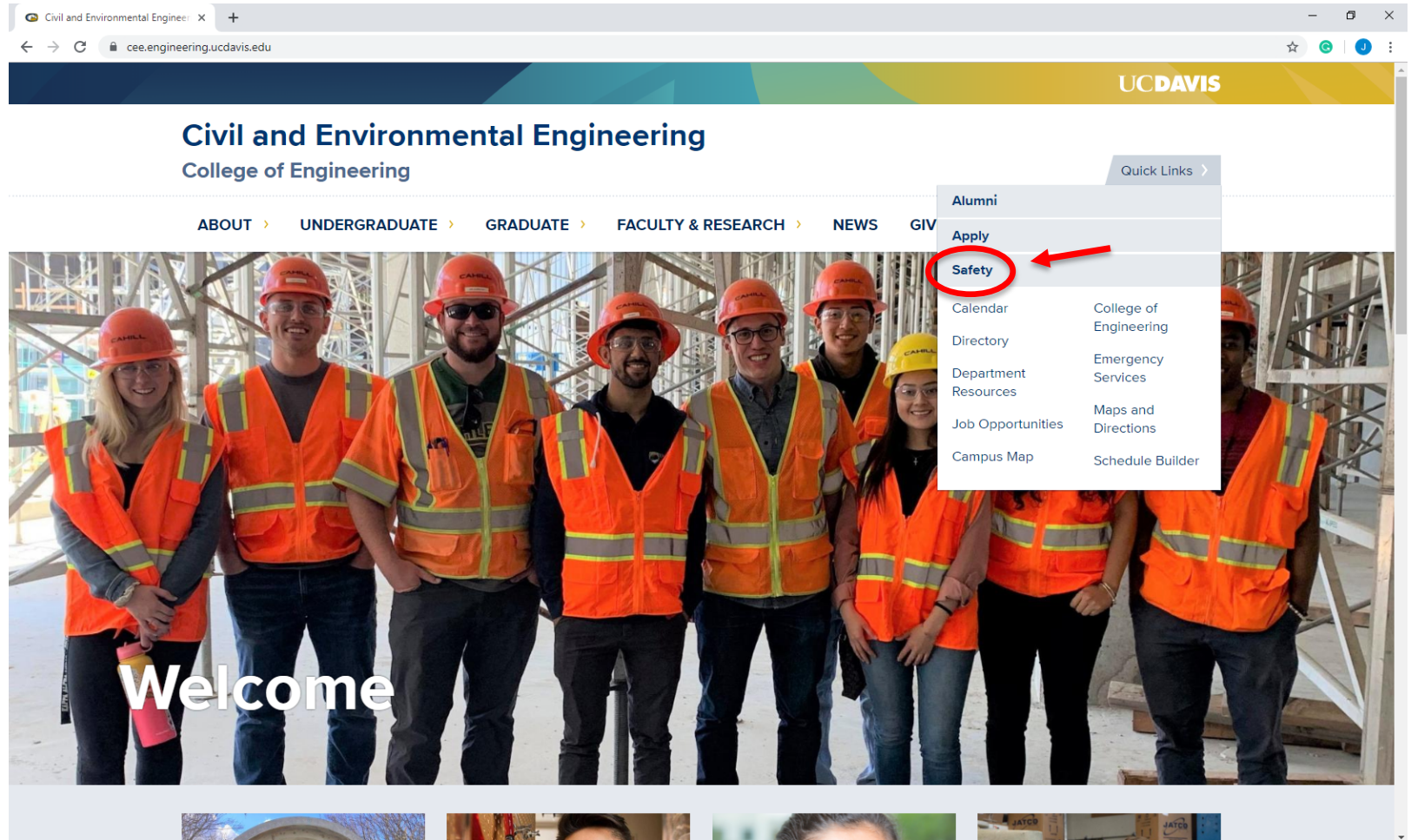
# Common Sense Rules – The Foundation of Safety

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 displaying the Civil and Environmental Engineering (CEE) website at [cee.engineering.ucdavis.edu](http://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, Calendar, Directory, Department Resources, Job Opportunities, Campus Map, College of Engineering, Emergency Services, Maps and Directions, and Schedule Builder. The "Safety" link is highlighted with a red circle and a red arrow. Below the navigation bar is a large banner image of a group of CEE students and faculty wearing orange safety vests and hard hats on a construction site. The word "Welcome" is overlaid on the banner. At the bottom of the banner, there are several small thumbnail images.

Civil and Environmental Engineering  
College of Engineering

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

Quick Links >

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

Welcome

# CEE Safety Web Site

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.engineering.ucdavis.edu/safety

## Civil and Environmental Engineering

Quick Links >

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

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### 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](#)
- [JAHL 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](mailto:jmhazard@ucdavis.edu)) (530) 574-7393

Department Safety Coordinator (Bainer Hall)

- Victor Jones ([vwjones@ucdavis.edu](mailto: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





# CEE COVID-19

Civil and Environmental Engineering

Quick Links >

[ABOUT](#) > [UNDERGRADUATE](#) > [GRADUATE](#) > [FACULTY & RESEARCH](#) > [NEWS](#) [GIVE](#)



## Safety

[Home](#) > [Safety](#)

COVID 19 Guidelines can be found [here.](#) 

Safety Is Our Priority

**Emergencies** (UC Davis Police/Fire/Ambulance/after-hour EH&S staff): **Call 911** or 530-752-1230

**Non Life-Threatening Medical/Mental Health Incident:**

# CEE COVID-19



## Civil and Environmental Engineering COVID-19 Guidelines

### Updated Campus Requirements ←

9/3/2020

- The campus now *requires* that everyone accessing campus buildings must take a [daily symptom survey](#). The purpose of the symptom survey is to help with contact tracing should it be necessary.
- For CEE you must forward a copy of the email that you receive to [cee-safety@ucdavis.edu](mailto:cee-safety@ucdavis.edu) to demonstrate that you have completed the survey every day upon entering a UC Davis facility.
- Certain buildings and facilities on campus they may expect you to show the result of your symptom survey before entering.

> **Suggestions from the CDC in Maintaining a Healthy Work Environment** ←

> **Campus Custodial COVID-19 Disinfection [Protocols](#)** ←

> **Campus COVID-19 Resources** ←

> **Department Specific Guidelines - Updated 9/3/2020** ←

> **General Expectations for Common Spaces** ←

> **Department Specific Guidelines and Expectations for Graduate Student Desk Space (Pilot Program)** ←

> **Wildfire Smoke & COVID-19** ←

## 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