UCD Extension Winter Health & Safety Courses

To enroll, please go to: https://extension.ucdavis.edu/subject-areas/health-and-safety

**Industrial Ergonomics**
*Thurs. & Fri., 8:30am to 5:00 pm, March 1 & 2*

This interactive, two-day course will emphasize practical problem-solving approaches to ergonomics in various non-office settings, including utilities, local and state governments and other industrial activities. Evaluation techniques for workplace layout, lifting and other manual material handling activities and tool selection and design will be demonstrated. Real-world examples of control strategies to reduce or eliminate risk factors will be illustrated.

At the conclusion of this course, participants will be able to discuss and demonstrate methods for evaluating a variety of industrial work settings and will be able to use those principles and techniques to make appropriate ergonomics recommendations to fit their specific work environments.

**Please Note:** This course can be substituted for “Ergonomics in the Workplace”, a required course for the Workplace Health and Safety Manager Certificate. This course does not cover office ergonomics.

**Instructors:** Ira Janowitz and Susan Tingley
**Where:** Galleria 2901 K Street, Sacramento CA 95816
**Fees:** $575.00

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**Incident Investigation Techniques**
*Thu.& Fri., 8:30am to 5:00pm, Mar 08 to Mar 09*

Acquire the knowledge, practical skills and tools you need to conduct incident investigations. Designed with both the novice and seasoned professional in mind, topics in this interactive course include: principles of incident investigation, responsibilities in the investigation process, investigation planning and preparation, the seven steps of initial response, tools and techniques for investigation, the collection and examination of information, root cause analysis, the incident investigation report, and effective real-world corrective actions.

This is a required course for the Workplace Health and Safety Manager Certificate Program.

**Instructor:** Bret Gwaltney
**Where:** Galleria 2901 K Street, Sacramento CA 95816
**Fees:** $595.00

**Section Number:** 173HSD535
Introduction to Industrial Hygiene  
*Wed. & Thu., 8:30am to 5:00pm, Mar 14 to Mar 15*

This overview provides an introduction to the science of industrial hygiene, including the process of recognition, evaluation and control of occupational health hazards. Learn methods to anticipate and recognize such hazards, including basic principles of toxicology. Occupational health hazards (e.g., exposure to chemical agents and dusts), biological agents (e.g., allergenic and infectious diseases), and exposures to physical agents (including noise, radiation, heat and vibration) are addressed. Examine the general concepts on measuring and evaluating exposures to these agents, and how such exposures are controlled by personal protective equipment and engineering methods. Designed for individuals responsible for occupational safety and health, this is a required course for the Workplace Health and Safety Manager Certificate Program.

**Instructor:** Renee Kalmes  
**Where:** DaVinci 1632 DaVinci Court, Davis CA 95618  
**Fees:** $595.00

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Industrial Hygiene Sampling and Monitoring  
*Wed. & Thu., 8:30am to 5:00pm, Mar 28 to Mar 29*

In this overview you will learn about the theories, techniques and procedures associated with the use of instruments to measure air contaminants and physical agents, such as noise, heat and related exposures. Designed specifically for those responsible for employee safety and health, this course includes lectures and hands-on laboratory exercises addressing the methods and procedures of using common industrial hygiene monitoring instruments, sample collection and laboratory analysis, and interpretation of results. The limitations of these techniques will also be discussed. This is a required course for the Workplace Health and Safety Manager Certificate Program.

**Instructor:** Mike Posson  
**Where:** DaVinci 1632 DaVinci Court, Davis CA 95618  
**Fees:** $595.00

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If you are interested in the **Workplace Health and Safety Manager Certificate Program**, please go to this link:

https://extension.ucdavis.edu/certificate-program/workplace-health-and-safety-certificate-program