

ENVIRONMENTAL, HEALTH AND SAFETY PROGRAMS

SPRING 2012

Including:

Free Information Session

*New! Professional
Concentration in
Environmental Management
for Industry and Facilities*

*Intensive Certificate Program
in Health and Safety*

**UC DAVIS
EXTENSION**
**ENVIRONMENTAL,
HEALTH AND SAFETY**



CONTINUING AND PROFESSIONAL EDUCATION

Our Health and Safety Programs

Workplace Health and Safety Certificate Program

For every dollar invested in workplace safety, organizations may see a return on their investment of \$3 to \$5.

Expand your knowledge of current health and safety issues and regulations, and learn to create and maintain a safer work environment. Examine the issues confronting business, industry and government and become proactive in managing health and safety programs. You will learn about the most current OSHA regulations and methods of compliance, as well as state-of-the-art emergency management techniques. Discover how to integrate employee health and safety into daily decision making, save organizational resources, and contribute to enhanced employee performance.

Gain practical knowledge that matters

- Expand and improve your knowledge of health and safety management and industry best practices.
- Examine the critical safety and health issues of private business, industry and government.
- Learn to establish and manage a proactive health and safety program.
- Explore how industries are regulated and how to use regulations as tools to identify and control hazards.

Designed for professionals like you

This program benefits safety directors and officers, environmental supervisors, union representatives, health and safety technicians, occupational health specialists and nurses, risk managers, compliance managers, plant or facilities managers, production supervisors, resource specialists and workers' compensation specialists. Four core courses provide you with a solid foundation in health and safety principles, while the elective courses allow you to focus on your areas of interest.

Intensive Certificate Program in Health and Safety

We also offer an 18-unit, 24-day version of the Workplace Health and Safety Certificate Program each summer. The Intensive Certificate Program consists of 11 courses, including the four core courses and a pre-selected set of electives. The certificate is awarded upon successful completion ("C" or better) of all 11 courses.

Professional Concentration in Health and Safety Training

Gain a solid foundation in basic health and safety with our four core courses, then learn to develop and deliver health and safety programs with our five-day trainer course. This highly focused program meets a portion of the trainer requirements under Code of Federal Regulations 1910.120 (e)(5) and the Hazardous Waste Operations and Emergency Response standard (HAZWOPER) (q)(5), which states students must have the academic credentials, competence and instructional experience necessary for teaching these subjects.

Gain practical knowledge that matters

- Learn to design, develop and deliver workplace health and safety training programs.
- Examine relevant laws and regulations pertaining to occupational health and safety, including Cal-OSHA and federal OSHA.
- Explore various approaches to health and safety management.
- Build your knowledge to effectively train others in health and safety.

Designed for professionals like you

This program benefits a diverse group of professionals that includes safety directors and officers, environmental supervisors, union representatives, health and safety technicians, occupational health specialists and nurses, risk and compliance managers, plant or facilities managers, production supervisors, and human resources and workers' compensation specialists. Many employers sponsor their employees or teams of employees, because they find this an efficient way to develop staff expertise in health and safety strategies.

For more information

Please call (800) 752-0881 or visit our website.

www.extension.ucdavis.edu/safety

For specific program information, contact (530) 757-8607, or email extension@ucdavis.edu.

Backed by the University of California

Each certificate program course is reviewed by the Public Service Committee of the Academic Senate at UC Davis and an academic department on campus. This means courses meet the standards of the University of California, an assurance of quality. UC has a long tradition of excellence, and UC Davis Extension consistently rates as one of the country's best continuing education organizations.



Workplace Health and Safety

Please join us and explore career opportunities in the field of Health and Safety. If you are seeking a career in safety management, environmental health, loss control, risk assessment, hazardous waste work, emergency management, construction, manufacturing, workers compensation, ergonomics or hazardous materials management, this free information session can provide the answers you're looking for.

Meet industry professionals, past graduates, instructors and staff who have an array of experience in health and safety management. Discover how UC Davis Extension's courses and programs can help advance your career or provide you with a new career. We offer:

- Workplace Health and Safety Certificate Program
- Professional Concentration in Health and Safety Training
- Annual Intensive Certificate Program in Health and Safety
- Professional Concentration in Environmental Management for Industry and Facilities
- 40-hour, 24-hour and 8-hour HAZWOPER Training
- CSP exam preparation

Light refreshments are included.

RESERVE YOUR SEAT TODAY!

1 meeting.

March 14: Wed., 5:30-7 p.m.

Sacramento: Sutter Square Galleria,
2901 K St.

No Charge. Enroll in section 113HSD599.

ENROLL

www.extension.ucdavis.edu/safety

ONLINE

NEW

Professional Concentration in Environmental Management for Industry and Facilities

Today virtually every organization depends on knowledgeable staff in order to comply with the wide range of environmental regulations and permitting requirements for hazardous materials, waste stream management, air quality, water quality and hazardous materials transportation. Acquire the knowledge to help your organization avoid costly fines, and implement sustainable best practices that go beyond the requirements. Gain the skills to protect the environment and avoid unnecessary liability.

Gain practical knowledge that matters

- Examine the California and federal air quality framework from the legal and regulatory perspective.
- Improve your understanding of the underlying health and environmental impacts of chemical hazards.
- Expand your knowledge of hazardous waste transportation.
- Review California water quality regulations and the federal Clean Water Act.

Designed for professionals like you

The Professional Concentration in Environmental Management for Industry and Facilities is designed specifically for environmental compliance officers and staff in industry, government, nonprofit and for-profit organizations: facilities managers, consultants, managers with environmental responsibilities, and health and safety officers who are taking on new duties in the environmental area. Many of the courses in this program provide continuing education credit for Registered Environmental Health Specialists (REHS), Certified Industrial Hygienists (CIH), Certified Safety Professionals (CSP) and Certified Hazardous Materials Managers (CHMM).

Advisory Committee

- Gary Lucks, J.D., CPEA, principal attorney and scientist, Beyond Compliance LLC
- Mark Posson, M.S., director of operations, Global Communications Systems, Lockheed Martin
- Randy Rhondeau, air pollution specialist, California Air Resources Board
- Jeff Hicks, CIH, QEP, principal scientist, Exponent Consulting

COMING SOON



The 17th Annual
**Intensive Certificate Program
in Health and Safety**

Earn your certificate in Health and Safety in just three months. Five weeks of class time are spread out during the months of June, July and August—so you'll complete the program before fall begins. Get the skills and knowledge needed to manage a proactive health and safety program and an understanding of the essentials of health and safety management. This program consists of 11 courses, including:

- Industrial Hygiene
- Health and Safety for Workers:
Laws and Regulations
- Industrial Safety Hazard Control
- Health and Safety Management and
Program Development
- Seven topical subjects

Tuition for the *Intensive Certificate Program in Health & Safety* is \$5,800 if you enroll by May 31 (a deposit of \$600 is required at that time). If you enroll after May 31, the full fee of \$6,200 is due at the time of your enrollment. The fee includes all lectures, educational materials, morning refreshments daily, a parking permit and the certificate fee. Enroll in section 121HSD505.

To learn more about the *Annual Intensive Certificate Program in Health and Safety*, contact us at (530) 757-8607 or extension@ucdavis.edu, or visit us online.

www.extension.ucdavis.edu/whsintensive

Environmental Management

NEW!

Hazardous Waste Generator Training

.75 quarter unit academic credit, X490.3.

1.34 ABIH CEUs.

7.5 hours REHS credit.

Fulfill a portion of the annual training required for generators of hazardous waste. Gain the knowledge and tools to comply with state and federal hazardous waste management requirements. Learn what type of hazardous waste generator you are, how to identify and characterize your waste, how to prepare shipments for transportation to a TSD facility, and what to expect when an inspector arrives. Examine emergency preparedness, proper recordkeeping, storage and accumulation, and typical violation findings. This course is specifically designed for those responsible for hazardous waste management activities at their workplace, and assists facilities in meeting the requirements of regulations 22 CCR 66265.16 and 22 CCR 66262.34. This is a required course for the *Professional Concentration in Environmental Management for Industry and Facilities*.

RANDY M. RHONDEAU is an air pollution specialist with the California Air Resources Board. He has been in the environmental field for more than 30 years, with experience in hazardous materials inspection, enforcement, sampling, transportation, treatment, storage and disposal. Rhondeau formerly served as a Senior Hazardous Substances Scientist with the Department of Toxic Substances Control.

CATHI SLAMINSKI, M.S., is a Certified Hazardous Materials Manager, a California Registered Environmental Health Specialist, and a certified assessor for the Emergency Management Accreditation Program. She currently works as an air pollution specialist for the Cal/EPA Air Resources Board and has more than 20 years of experience in hazardous materials, emergency management and regulatory compliance.

- May 1: Tues., 8 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria,
2901 K St.
- \$390. Includes course materials and morning refreshments. Enroll in section 114HSP085.
- Special discounts: Groups. See page 11.

ENROLL

www.extension.ucdavis.edu/safety

ONLINE

NEW!**Environmental Management and Sustainability**

1.5 quarter units academic credit, X490.1.

2.51 ABIH CEUs.

15 hours REHS credit.

Gain a solid foundation in the principles of environmental management and sustainability. The main elements of environmental management will be discussed, including ISO 14001 Guidelines, program design and execution, gaining leadership and organizational participation, stakeholder involvement and performance assessment. Discuss sustainability standards, such as the UL Interim Sustainability Requirements 880, and management of environmental elements, such as water conservation, energy conservation and greenhouse gas reduction. This course benefits environmental managers, Environmental Health and Safety (EHS) professionals, regulators, managers and executives with environmental responsibilities. This is a required course for the *Professional Concentration in Environmental Management for Industry and Facilities*.

MARK POSSON has more than 30 years of experience in the environmental field, and has a broad background in all aspects of hazardous materials management. Posson sits on several academic and government advisory boards and has taught for UC Davis Extension for more than 15 years.

- 2 meetings.
- May 8-9: Tues.-Wed., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$550. Includes course materials and morning refreshments. Enroll in section 114GBD200.
- Special discounts: Groups. APACA section members. See page 11.

NEW!**Hazardous Materials Transportation (49CFR) I/II**

.75 quarter unit academic credit, X490.2.

1.25 ABIH CEUs.

7.5 hours REHS credit.

U.S. Department of Transportation regulations require mandatory training and recurrent training every three years for all personnel who manage or handle hazardous materials, including hazardous wastes. This requirement applies to employees that select or fill packages, label containers, fill out shipping papers, load or unload cargo vehicles or containers, operate transportation equipment, or are responsible for the safe transportation of hazardous materials or wastes. Training requirements include general awareness, function specific activities, and safety and

health. This course may be used for completing the general awareness training requirements under 49 CFR 172.704(a). This is an elective course for the *Professional Concentration in Environmental Management for Industry and Facilities*.

RANDY RHONDEAU. See page 4.

- 1 meeting.
- May 16: Wed., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$390. Includes course materials and morning refreshments. Enroll in section 114HSX118.
- Special discounts: Groups. See page 11.

Environmental and Toxics Laws and Regulations

1.5 quarter units academic credit, X431.51.

2.51 ABIH CEUs.

2 MCLE CEUs.

15 REHS credit.

Examine the key federal, state and local environmental regulatory programs that environmental managers, consultants, planners, citizen activists and regulators need to know to remain compliant. This overview provides insight into the major environmental programs and permitting requirements governing industrial processes and activities. Learn about the specific regulations pertaining to air and water quality, climate change, toxic materials, hazardous wastes, the California Environmental Quality Act (CEQA) and green chemistry. Significant emphasis is given to the key elements of the regulatory programs from compliance and auditing perspectives. This is a required course for the *Professional Concentration in Environmental Management for Industry and Facilities*, and an elective in the *Workplace Health and Safety Certificate Program*.

GARY LUCKS, J.D., CEPA, is a principal attorney and scientist with Beyond Compliance, where he advises clients on multimedia environmental management systems (EMS) and environmental compliance matters. He has more than 20 years of environmental regulatory compliance and sustainability experience. Lucks specializes in environmental compliance auditing, EMS, environmental training, environmental permitting and pollution prevention.

- 2 meetings.
- May 31-June 1: Wed.-Thurs., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$600. Includes course materials, morning refreshments and California Environmental Law and Policy textbook. Enroll in section 114HSD570.
- Special discounts: Groups. See page 11.

Health and Safety

Electrical Safety

.15 quarter units academic credit, X431.38.

2.51 ABIH CEUs.

15 hours REHS credit.

Electricity is such a familiar part of our lives that it isn't always given the respect and caution it deserves. Learn how electricity can become a hazard and the most common causes of electrical injuries, including: contact with power lines; lack of ground-fault protection; path to ground missing or discontinuous; equipment not used in the manner prescribed; improper use of extension and flexible cords; and failure to lockout electrical circuits. Gain insight into OSHA regulations, lockout/tagout of machinery and equipment, and industry best practices that go beyond OSHA requirements. This course is an elective in the *Workplace Health and Safety Certificate Program*.

MICHAEL T. DONLON, P.E., is a senior safety engineer with Cal/OSHA where he provides guidance to associate Cal/OSHA engineers and conducts complex inspections and accident investigations. He has more than 20 years of industrial, construction and electrical safety experience with Cal/OSHA, as well as with the U.S. Air Force as a system safety engineer, industrial safety engineer and a construction safety manager. Donlon is a registered Professional Safety Engineer.

- 2 meetings.
- May 3-4: Thurs.-Fri., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$550. Includes course materials and morning refreshments. Enroll in section 114HSD549.
- Special discounts: Groups. See page 11.

Excavation Safety

.75 quarter unit academic credit, X431.37.

1.25 ABIH CEUs.

7.5 hours REHS credit.

Trench cave-ins represent a serious hazard to employees. This course gives an overview of state and federal standards and regulations related to trenching and excavation safety. Topics covered include inspection techniques and soil classification, as well as protective systems to prevent cave-ins such as shoring, sloping and trench shields. This course is an elective in the *Workplace Health and Safety Certificate Program*.

MICHAEL DONLON. See prior course.

- May 11: Fri., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$390. Includes course materials and morning refreshments. Enroll in section 114HSP047.
- Special discounts: Groups. See page 11.

Noise and Hearing Conservation

.75 quarter unit academic credit, X431.8A.

1.25 ABIH CEUs.

7.5 hours REHS credit.

Protect your employees' hearing—learn how noise is generated, ways to control industrial noise and how to measure it in the workplace. Familiarize yourself with regulatory requirements concerning hearing conservation and workplace noise, as well as the requirements for establishing a hearing conservation program. Learn to choose proper hearing protection services, how audiometry is performed, and how to conduct a noise survey. This is an elective course in the *Workplace Health and Safety Certificate Program*.

MARK CAMERON, M.S., CIH, is an industrial hygiene consultant and has more than 30 years of experience in environmental health and safety, including work at hazardous waste sites, clandestine drug labs and laboratory safety.

- May 14: Mon., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$390. Includes course materials and morning refreshments. Enroll in section 114HSD527.
- Special discounts: Groups. See page 11.

Mold Assessment, Evaluation and Control

.75 quarter unit academic credit, X431.25.

1.25 ABIH CEUs.

7.5 hours REHS credit.

This one-day, applied course addresses the causes of mold in the built environment, and how to conduct an accurate evaluation. You will also examine remediation methods, procedures and standards; discuss the evaluation and remediation of items that have become affected by mold; and learn to determine when and how mold remediation has been successfully completed. An update on the health effects of mold in indoor settings is also provided. This is an elective course in the *Workplace Health and Safety Certificate Program*.

JEFFREY HICKS, M.P.H., CIH, is a principal scientist with Exponent, Inc., in Menlo Park. An industrial hygienist with more than 25 years of multidisciplinary experience, Hicks' project and managerial expertise encompasses indoor air quality, mold/fungal investigations, illness cluster studies, building ventilation, contamination of the built environment, chemical exposure assessments, air pollution emissions and modeling, and evaluation of physical agent hazards.

- May 22: Tues., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$390. Includes course materials and morning refreshments. Enroll in section 114HSP542.
- Special discounts: Groups. See page 11.

Health and Safety Monitoring Instruments

1.5 quarter units academic credit, X431.14.

2.51 ABIH CEUs.

15 hours REHS credit.

Study the types of monitoring instruments used to evaluate confined spaces in the workplace. Learn the theory and operation of colorimetric tubes, oxygen meters, combustible gas indicators, photo-ionizing detectors, sound level meters, dosimeters and the wet bulb globe thermometer. Discuss the use of air sampling media and personal monitoring pumps. Practice calibration and evaluation of various conditions in hands-on laboratories that accompany lectures. A calculator is required. This course is an elective in the *Workplace Health and Safety Certificate Program*.

JEFFREY HICKS. See page 6.

- 2 meetings.
- June 7-8: Thurs.-Fri., 8:30 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$550. Includes course materials and morning refreshments. Enroll in section 114HSD523.
- Special discounts: Groups. See page 11.

Hazardous Waste Workers

Health and Safety Training for Hazardous Waste Workers—40 Hour I/II

4 CEUs.

6.68 ABIH CEUs.

40 hours REHS credit.

Complete the portion of the OSHA Standard 29 CFR 1910.120 (T8 CCR 5192 in California) that specifies training requirements for hazardous waste workers (HAZWOPER). Designed for workers involved in investigation and clean-up of hazardous waste sites, this course features lectures and hands-on exercises with field instruments and personal protective equipment (PPE).

Learn about hazard awareness, hazardous waste regulations and exposure, medical monitoring, health and safety planning, respiratory protection, PPE, monitoring and sampling equipment, site characterization and control, decontamination, health and safety laws and rights, and emergency response. Instructors emphasize interactive exercises throughout the course, and you may use level B PPE during field investigation exercises. Because of the physical stress this can cause, it is important that you have had a recent medical exam (within one year) with clearance for respirator use.

KENNETH R. BEUTLER, CIH, is a senior industrial hygienist with the California Department of Toxic Substances Control, Emergency Response Branch. He has more than 20 years of experience in the comprehensive practice of industrial hygiene addressing areas such as employee exposure monitoring and sampling, health and safety program development, bloodborne and airborne pathogens, indoor air quality and clandestine drug lab and mold remediation.

MARK CAMERON. See page 6.

CHRIS COSTAMAGNA is a battalion chief with the Sacramento City Fire Department.

ROBERT L. FORD, CIH, is a senior industrial hygienist for the California Department of Fish and Game and has more than 25 years of practical experience in the field.

LARRY S. WONG, CIH, is the University of California system-wide health and safety program manager. He has more than 30 years of experience in the environmental health and safety field and has taught courses at UC Davis Extension since 1989.

- 5 meetings.
- April 23-27: Mon.-Fri., 8 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$675. Includes course materials and morning refreshments. Enroll in section 114HSP100.
- Special discounts: Groups. See page 11.

Health and Safety Refresher for Hazardous Waste Workers—8 Hour I/II

.8 CEU.

1.34 ABIH CEUs.

8 hours REHS credit.

This course provides hazardous waste-site employees and supervisors with the annual refresher training in health and safety issues for hazardous waste workers. A newly designed program, including new exercises to accompany each module, will be available. This course meets requirements established by OSHA for training under the Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) 29 CFR 1910.120(e) (8) and the equivalent California Standard T8 CCR 5192 (e) (8). You should first complete *Health and Safety Training for Hazardous Waste Workers—40 Hour*.

KENNETH BEUTLER. See prior course.

- May 18: Fri., 8 a.m.-5 p.m.
- Sacramento: Sutter Square Galleria, 2901 K St.
- \$195. Includes course materials and morning refreshments. Enroll in section 114HSP101.
- Special discounts: Groups. See page 11.



I had the opportunity to switch careers in mid-life and jumped into a position in health and safety. I was pleased to see that the UC Davis Extension had a Certificate Program in Workplace Health and Safety. In just more than a year, I completed the certificate program, which gave me an excellent foundation in the technical and practical aspects of EHS. This base gave me the confidence to develop in my new position and, after a couple of more years of on-the-job experience, I qualified and passed the Certified Safety Professional exam. Since that time I have been promoted to the position of manager of Corporate EHS. I believe that much of my success is the result of the excellence of this program.

~Leslie K.

CUSTOM TRAINING FOR YOUR ORGANIZATION



Premier training to help you stay up-to-date on workplace health and safety issues, including OSHA and CalOSHA regulations, hazardous materials HAZWOPER certification, and industry best practices.

- Health and Safety
- Hazardous Materials
- Emergency Management

Contact us today about customizing a course or program to meet your specific needs.

Call Nathan Sands at (530) 757-8607, or email us.

extension@ucdavis.edu

FINANCIAL ASSISTANCE OPTIONS

Students in courses and programs offered through UC Davis Extension may be eligible for job training funds, alternative student loans, tax credits or other financial assistance. The UC Davis Extension Student Services office can work with you to identify available financial assistance options. For more information, please visit http://extension.ucdavis.edu/student_services/resources/financing.asp or contact us at (800) 752-0881.

Emergency Management

ONLINE

CAMEO 1 (CAMEO Chemicals and ALOHA Haz Mat Software) /

2.4 quarter units academic credit, X431.41.
4.01 ABIH CEUs.
24 hours REHS credit.

Learn to use CAMEO Chemicals and ALOHA, part of the Computer Aided Management of Emergency Operations (CAMEO) suite of programs, for hazardous materials emergency response and planning. CAMEO Chemicals is a powerful database of nearly 6,000 chemicals. ALOHA is a program for modeling of air plumes, explosions and fire thermal impacts.

Use these programs to look up detailed chemical information within seconds; identify unknown chemicals; determine likely results from chemicals interactions; plot toxic vapors and threat zones from chemical pool fires and explosions; determine indoor versus outdoor concentration levels of toxic vapors; and more.

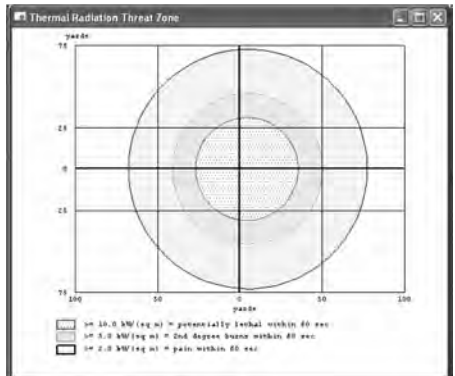
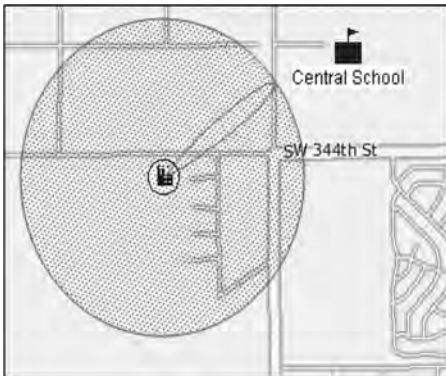
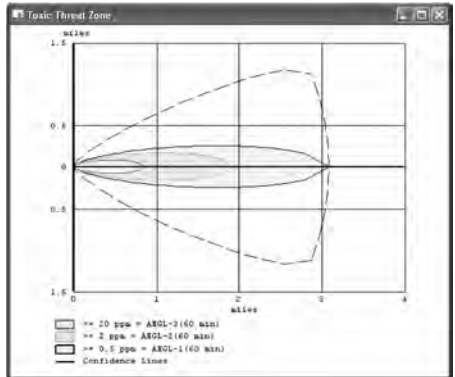
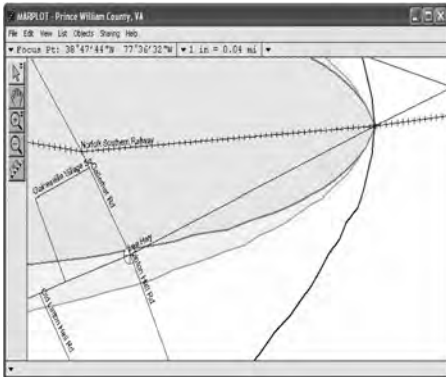
This course meets the prerequisite requirement for CAMEO 2 (MARPLOT and CAMEO Haz Mat Software). This course is an elective in the *Workplace Health and Safety Certificate Program*.

KEVIN SMITH, M.P.A., serves as the hazardous materials deputy fire marshal for the Chino Valley Fire District in San Bernardino County. Smith is a certified CAMEO instructor through the U.S. Environmental Protection Agency and the National Oceanic and Atmospheric Administration, and taught the nation's first online CAMEO course. As a hazardous materials specialist, he has responded to hundreds of hazardous materials incidents with the fire service since 1986.

- Enroll now through April 27 and complete by June 8. Passwords issued starting April 2.
- Technical requirements: A multimedia-capable computer, a current email account and access to the Web using an Internet browser.
- \$350. Includes course materials and instructional support. Enroll in section 114HSX181.
- Special discounts: Groups. See page 11.

/ Partners in Education

These projects support grant #ES006173-20 from the National Institute of Environmental Health Sciences (NIEHS) to the Western Region Universities Consortium, of which UC Davis Extension is a member. For more information, call (530) 757-8607 or email extension@ucdavis.edu.



Workplace Health and Safety Certificate Program

Complete four required courses and 11.25 units of electives to earn your certificate.

Courses may be taken individually or as part of the program.

REQUIRED COURSES (9.75 UNITS)	# UNITS
Health and Safety for Workers: Laws and Regulations	1.5
Health and Safety Management and Program Development	3
Industrial Hygiene	3
Industrial Safety Hazard Control	2.25
ELECTIVE COURSES (11.25 UNITS)	# UNITS
Bloodborne and Airborne Pathogens	1.5
Cameo 1	2.4
Cameo 2	2.4
Confined Space: An Overview	.75
Construction Safety: An Overview (OSHA 10-hour)	1.5
Electrical Safety	1.5
Environmental and Toxics Laws and Regulations	1.5
Ergonomics in the Workplace	1.5
Fire and Life Safety Awareness	1.5
Health and Safety Monitoring Instruments	1.5
IIPP: Your Safety Management Action Plan	1.5
Incident Investigation Techniques	1.5
Indoor Air Quality Management	1.5
Introduction to Chemical Hazards	.75
Lab Health and Safety	1.5
Mold Assessment, Evaluation and Control	.75
Noise and Hearing Conservation	.75
OSHA 30-hour Construction Safety	3
OSHA Training Requirements Overview	.75
Protective Clothing	.75
Respiratory Protection	.75
Scaffold Safety	.8

Two units of the *Designing and Delivering Effective Health and Safety Training* course can be applied as elective units.

Visit our website
extension.ucdavis.edu/safety

Professional Concentration in Health and Safety Training

Courses may be taken individually or as part of the program.

REQUIRED COURSES (13.75 UNITS)	# UNITS
Health and Safety for Workers: Laws and Regulations	1.5
Industrial Safety Hazard Control	2.25
Industrial Hygiene	3
Health and Safety Management and Program Development	3
Designing and Delivering Effective Health and Safety Training	4

Visit our website
extension.ucdavis.edu/safety

NEW

Professional Concentration in Environmental Management for Industry and Facilities

Courses may be taken individually or as part of the program.

REQUIRED COURSES (6 UNITS)	# UNITS
Environmental and Toxics Laws and Regulations	1.5
Environmental Management and Sustainability	1.5
Introduction to Chemical Hazards	.75
Hazardous Waste Generator Training	.75
Air Quality	1.5
Water Quality Regulation and Permitting	.6

ELECTIVE COURSES (1.5 UNITS)	# UNITS
Hazardous Materials Transportation	.75
Environmental Auditing	.75

Visit our website
extension.ucdavis.edu/safety



General Information

For more information or to enroll

Please call (800) 752-0881, email extension@ucdavis.edu or visit us online.
www.extension.ucdavis.edu/safety

Group discounts

Organizations enrolling three or more at the same time in one class may do so with a 10 percent discount off each enrollment. Group discounts cannot be combined with other discounts. All enrollments must be submitted at one time and fees paid with check, credit card or purchase order.

Accommodations

Course fees do not include accommodations. Upon request, we will send information about nearby motels that are reserving rooms for program participants, along with rates and reservation deadlines.

Textbooks

You may purchase your book from any vendor you choose. Prices can vary widely, so you might want to try using a comparison site like bestbookbuys.com. Textbook information can change. Check the online course listing for the most current information before you buy.

Cancellations and refunds

UC Davis Extension reserves the right to discontinue, postpone, combine classes and change instructors. Classes may be canceled at or before the first scheduled meeting if fewer than the required number of students pre-enroll. Students will automatically be given full refund for canceled classes unless the student requests transfer of the enrollment fee to another course.

What is an online course?

An online course utilizes the Internet as a means of creating a learning environment outside of the traditional classroom. Lectures and discussions take place on our Online Learning Campus website. You will be able to access your course lectures (text-based) and communicate with your classmates and instructors through the use of a discussion forum (message board). Online courses follow a classroom structure paced at one lesson a week. You can access your course website anytime and from any place you have access to the Internet. In addition, you are also assured that you're getting the same UC-quality education that you receive from any of the regular UC Davis Extension courses.

Frequently Asked Questions and technical requirements:

www.extension.ucdavis.edu/dl

For more information about these courses, please visit our website.

www.extension.ucdavis.edu/safety

The University of California does not discriminate in any of its policies, procedures or practices. The university is an affirmative action/equal opportunity employer.

Not produced at state expense.

UC Davis Extension is a self-supporting, nonprofit organization funded by course fees, grants and contracts.

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ONLINE

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GENERAL INFORMATION

DISCOUNTS

Groups: Enroll as a group or team of three or more, and receive a 10 percent discount on each enrollment. Team training allows you to share the learning experience with your co-workers, so concepts and techniques learned are even easier to apply on the job. All registrations must be submitted at the same time and fees paid with one check, credit card or purchase order.

ACADEMIC CREDIT

Academic credit for UC Davis Extension courses is awarded in quarter units and represents graded, non-degree work. UC Davis Extension does not offer degrees; however, students may petition for acceptance of their Extension credit toward degree programs.

TAX DEDUCTIBILITY OF EDUCATIONAL EXPENSES

Expenses of education — including registration fees, travel, meals and lodging — may be deductible if they maintain or improve professional skills or meet the express requirement of an individual's employer. Contact a certified public accountant for more information, or visit www.irs.gov/taxtopics.

IF YOUR PLANS CHANGE

Refunds, less a \$30 processing fee, will be granted if the request is received seven calendar days before the course begins. At that time, you

can also discuss transferring your enrollment to another program or sending a substitute. Requests for withdrawal without a refund must be received before the last meeting of the course. Requests for withdrawals or refunds may be made by phone, fax or in writing. Please include the student's name, course title and course section number. For information about other alternatives, call UC Davis Extension at (800) 752-0881.

ENROLLING IS EASY!

BY MAIL complete this form and send it to the Registration Office, UC Davis Extension, University of California, 1333 Research Park Drive, Davis, CA 95618-4852.

BY PHONE call toll free (800) 752-0881. From Davis or Woodland call 757-8777. Please have your Visa, MasterCard, American Express or Discover account number handy.

BY FAX to (530) 757-8558. If you are enrolling with a company purchase order, please fax a completed enrollment form along with a copy of the purchase order. For security purposes we can no longer accept credit card payments via fax.

IN PERSON at our Registration Office, 8:30 a.m.-4:30 p.m., 1333 Research Park Drive, Davis.

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