



Environment & Safety

What is the use of a house if you haven't got a tolerable planet to put it on?

Henry David Thoreau
Author, Philosopher and Naturalist

Last Christmas Eve, 300 million gallons of sludge slid into Kingston, Tenn., a present from Kingston Fossil Fuel delivered by a dam break. Southern California meth labs remain undetected as they brew environmental poisons that silently filter through the earth. Natural resources can turn into our worst enemy.

You want the world to be a safer place.

We offer the latest knowledge in environment, health, and safety management. Our certificate programs provide a solid foundation to start a rewarding career. Specialized coursework, workshops, and conferences ensure that professionals keep up to speed on the latest information in their field.

For certificate programs and contact information, see page 71.

Air Quality Management

Air Quality Permitting and Enforcement

Steps in completing an application package for a permit and a final permit to operate. Designed in cooperation with the South Coast Air Quality Management District to prepare students to sit for the district's "Certified Permitting Professional" examination.

Note: SCAQMD's Certified Permitting Professional examination to be held on June 26, 2009 at the SCAQMD office in Diamond Bar. This course is also approved by the California Air Pollution Control Officers Association (CAPCOA) and meets the training requirements of the Air Pollution Permit Streamlining Act (Health and Safety Code sections 42320-42323; AB 2781, Sher).

Mohan Balagopalan, M.B.A., Senior Air Quality Engineer, South Coast Air Quality Management District, Diamond Bar

Credit: 3 units

Date/Time: Mon. 6-9 p.m., Apr. 6-Jun. 15 (no meeting May 25) (10 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$479

Environmental Science X427.31

Reg #084-SCE-E34

Textbooks

Go to extension.ucr.edu for course textbook requirements.

Risk Management

Principles of Risk and Insurance Management

Introduction to risk management including risk control, claims administration, legal issues, insurance coverages, self-insurance options, loss reduction/prevention, workers' compensation requirements, employee benefits and budgeting for risks and losses.

Required for Specialization in Risk Management

Elective for Certificate in Construction Management

Elective for Certificate in Human Resources Management

Roy D. Bredahl, B.S., Director of Loss Control, Employers Resource Inc., Cardiff

Credit: 4 units

Date/Time: Thurs. 6:30-9:30 p.m., Apr. 9-Jun. 25 (12 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$595

Management X452.42

Reg #084-MBH-H01

Claims Administration in Risk Management

Surveys management of work-related claims including liability, guidelines for claims investigations, working with claims/adjusters/attorneys and analyzing insurance coverage with respect to claims.

Prerequisite: Mgt. X452.42, Principles of Risk and Insurance Management, or equivalent experience.

Required for Specialization in Risk Management

Roy D. Bredahl, B.S., Director of Loss Control

Credit: 4 units

Date/Time: Mon. 6:30-9:30 p.m., Apr. 6-Jun. 29 (no meeting May 25) (12 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$595 (includes materials)

Management X452.43

Reg #084-MBH-H02

Online students looking for help with NetID?

Step-by-Step instructions:
www.extension.ucr.edu/online/netid_steps.html

Online support: E-mail:
netidhelp@ucx.ucr.edu

Risk Management for Government Organizations

Surveys risk management including identifying workplace risks, public spaces and public access risks, limiting liability, common challenges facing government agencies, measuring risk factors and balancing competing factors in assessing risk, indemnification and insurance.

Roy D. Bredahl, B.S., Director of Loss Control

Date/Time: Sat. 8 a.m.-4 p.m., May 2 (1 meeting)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$165

Management 888.21

Reg #084-MBH-H11

Water/Wastewater

Backflow Prevention Assembly Tester Exam Preparation and Certification

How to recognize various backflow preventers and the procedures for testing each unit. Of particular benefit to those seeking the California/Nevada Section of the American Water Works Association's "Backflow Prevention Assembly Tester Certification." The AWWA certification is partial fulfillment of the requirement of San Bernardino and Riverside counties for registration as a backflow tester.

Note: Students will be given instructions in class on how to register to take the AWWA certification exam. Students are required to bring their own gauges.

Max C. Mendoza, B.A., Senior Engineering Technician, city of Riverside Public Utilities

Credit: 4 CEUs

Date/Time: Thurs. 6-9 p.m., Apr. 9-June 18 & Sat. 9 a.m.-5 p.m., June 20 (12 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$525 with text / \$485 without text

Environmental Science 812.91

Reg #084-SCE-E78

Storm Water Regulations and Management

Impact and control of water pollution from storm water urban runoff and the role of comprehensive storm water management. Permitting and monitoring requirements for construction activities with emphasis on Best Management Practices (BMPs); management of urban runoff from construction projects; and the roles of education and enforcement in the successful management of runoff pollution.

Note: Textbook can be ordered through the Web site <http://store.abag.ca.gov/construction.asp>

Elective for Certificate in Turfgrass Management

Mo Lahaie, Ph.D., REHS, Clean Water Coordinator, city of Oceanside

Credit: 3 units

Date/Time: Fri. 8:30 a.m.-3:30 p.m., Apr. 17-Jun. 12 (no meeting Jun. 5) (5 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$479 (includes materials, text not included)

Environmental Science X423.9

Reg #084-SCE-E08

Water Supply Distribution and Water Treatment Operation Continuing Education Series: Module 1

This 16-hour course meets the California Department of Public Health continuing education requirements for Grade I and II operator levels in the water distribution and treatment field. Includes a regulatory update and contact hour requirements; sources of ground water and surface water supplies; chemical, physical and bacteriological concerns; detection of leaks; mathematics; and operator safety.

James H. Watson, M.A., Consultant, Water Education Services, Inc., Redlands

Credit: 1.6 CEUs

Date/Time: Fri. 8:30 a.m.-5:30 p.m., May 15 & June 12 (2 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$229 (includes materials and parking)

Environmental Science 814

Reg #084-SCE-E70

Training at Your Workplace

Most Extension courses can be held at your workplace or another location convenient to you. Or we can work with you to tailor classes and training programs to meet your particular needs. The result is convenient, high-quality training, often at lower cost per participant.

Examples of topics:

- OSHA and Environmental Compliance Training
- Sustainable Development
- Geographic Information Systems
- Security and Safety
- Risk Management
- Dispute Resolution

These and many other courses listed in this catalog can be held in your workplace. All courses and programs are approved by the University of California.

Call us today, at no cost or obligation, to discuss your training needs.

We look forward to seeing you at work.



For more information, call (951) 827-5804. E-mail: sciences@ucx.ucr.edu

Workplace Health and Safety

Fire Prevention and Safety

Basic and general systems concepts and physical science concepts related to fire protection engineering; an overview of CCR Title 8; written fire prevention plans; human behavior and fire; and environmental issues in fire protection.

Elective for Certificate in Workplace Health and Safety

Stephen Young, Battalion Chief Safety and Training Division, city of Redlands Fire Department

Credit: 3 units

Date/Time: Thurs. 6-9:30 p.m., Apr. 9-May 28 (8 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$479

Environmental Science X429.8

Reg #084-SCE-E87

Health Hazards in the Occupational Environment: Recognition and Prevention

Legal requirements and toxicological concepts, control measures, sampling procedures, the effects of chemical and physical hazards, methods for evaluating exposures, available alternatives for control of industrial exposure, effective hazard control programs and operations.

Required for Certificate in Workplace Health and Safety

Monica Oscarson, M.P.H., CIH, CAC, Principal, Premier Environmental Consultants, Wildomar

Credit: 3 units

Date/Time: Tues., 6-9:30 p.m., Apr. 28-June 9 & Sat., 8:30 a.m.-4:30 p.m., June 6 (8 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$479

Environmental Science X428.2

Reg #084-SCE-E83

Integrating Continuous Quality Improvement Into Safety and Business Risk Management

Quality management principles with safety and health management systems that are needed to address proactive and pragmatic risk identification, control, compliance and cost-containment.

Required for Certificate in Workplace Health and Safety

Jeffrey Y. Chung, Ph.D., CSHM, CHFP, ErgoRemedy, LLC and President/CEO International Children's Ergonomic Foundation, Inc.

Credit: 3 units

Date/Time: Fri. & Sat. 8 a.m.-5 p.m., May 8 & 9 & June 5 & 6 (4 meetings)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$495 (includes materials and parking)

Environmental Science X428.6

Reg #084-SCE-E82

Recordkeeping: OSHA Compliance Workshop

A review of OSHA regulatory requirements related to recordkeeping, reporting and posting under the California Code of Regulations (CCR), Title 8, and the California Labor Code, as well as the expected requirements under the Fed/OSHA Recordkeeping rule.

Elective for Certificate in Workplace Health and Safety

Jeffrey Y. Chung, Ph.D., CSHM, CHFP, ErgoRemedy, LLC and President/CEO

Credit: .8 CEU

Date/Time: Thurs. 8 a.m.-5 p.m., May 7 (1 meeting)

Location: UCR: Extension Center, 1200 University Ave.

Fee: \$149 / \$134 each for three or more from the same organization (includes materials and parking)

Environmental Science 833.4

Reg #084-SCE-E86

Department Contacts:

Jon W. Kindschy

Director

Environmental Management
(951) 827-5804
sciences@ucx.ucr.edu

To Enroll: See page 116.

Certificate in:

Workplace Health and Safety

Contact: Jan Crump

(951) 827-5804

sciences@ucx.ucr.edu

Eric Blum

Director

Business & Management
(951) 827-4111
bet@ucx.ucr.edu

To Enroll: See page 116.

Professional Achievement in:
Risk Management

Contact: Kathy Craig

(951) 827-1600

bet@ucx.ucr.edu

