



## Chemical Emergency Response (CER)

Since August 1988 the Center has been training workers to safely work with chemicals as well as respond to uncontrolled releases of chemicals. Most of this training has been provided at no cost to the worker or their employer. The Center has been a recipient of funding through the National Institute of Environmental Health Sciences



(NIEHS) since 1987. Qualified workers are able to attend the courses through scholarships as a result of this funding. In response to requests from a variety of companies we

have delivered courses outside the funding criteria with companies paying tuition. These courses have proven to be extremely beneficial to a companies health & safety program. The Center can offer training at a companies site that is tailored specifically to their needs .

### Train the Trainer

One of the major strengths of our program is workers training workers. Since the beginning, the Center has offered an in-depth train the trainer course. Although this course is funded primarily by grant monies there have been numerous occasions when employers have sponsored a course and paid tuition. Through this program the Center has developed a very qualified trainer base all over the country.

We also have a one week Department of Transportation Train the trainer class in cooperation with the UAW and AFGE.

## Advanced Topics in Emergency Response

This course is designed to take an in-depth look at chemical properties, analyzing monitoring reports, toxicology and additional topics relative to CER. An advanced response exercise is structured around a worker who has “collapsed” for unknown reasons. The class is responsible for all rescue activities including incident command, communication, protective equipment, monitoring, evacuation of a mannequin and decontamination.

### OSHA Outreach Training

The 10-hour course provides a variety of entry-level instruction on either general industry or construction health & safety standards. The 30-hour OSHA Outreach is ideal for workers that have safety and health responsibilities such as membership on a safety committee. Our staff has OSHA authorization to deliver this program and issue students a completion card from OSHA. If you are interested in becoming authorized to present OSHA Outreach training and issue cards from OSHA we can provide the course you need for that also. (OSHA 500/501 Train the Trainer). We also offer the OSHA 6005 course for Federal Employees.



### Mold Remediation

We offer everything from 3 hour awareness to 5 day hands-on for this course. Topics include basic introduction to mold organisms, how mold spreads, FEMA and CDC resource material, adverse health affects of mold exposure, assessment, monitoring, respiratory protection and remediation. Recent hurricanes have raised public awareness to the dangers of mold exposure. As a result, we have had nationwide requests for this course.

## Chemical Plume Modeling

This class examines unintentional & intentional atmospheric chemical releases and allows participants to get hands on experience with computer modeling software (CAMEO, MARPLOT, AND ALOHA). Beginners as well as those with advanced computer skills should have no problem with this course. This course includes lots of hands-on time on individual computers, It is a very interactive course with plenty of time for discussion. Upon completion of the course participants will be able to use the software in pre-planning for releases that may affect their workplaces and their communities

### Workforce Development

We have worked with community organizations to train young adults in HAZWOPER and hazardous materials related programs. We have delivered 40 hour HAZWOPER, two day mold remediation and two day OSHA construction classes in the greater Cincinnati area with the Job Corps, City of Cincinnati Brownfield EPA grant 8 week program, Cypress Mandela Training in Oakland, CA and with other community organizations. We feel it is very important to give young adults the tools they need to stay safe and healthy before they enter the workforce.

### Online classes

We have worked on developing online classes for several of our existing modules. We are continuing to offer these classes on the Zoom platform for the foreseeable future. Most of these classes are conducted in a two hour block. To get a complete list of our online offerings please go to our center website and click on upcoming classes.

### Site Specific Programs

We have worked with different groups and facilities to develop programs that meet the specific needs at their locations. We have also included evaluation components that measure the effectiveness of the training over time. We have several published papers that outline this process.