

Berkeley Lab Training Program

**PSD 0121 Community Emergency Response Team (CERT) Training
Course Syllabus**

Subject Category: CERT Training

Course Length: 20 Hours

Delivery Mode: Classroom & Practical

Medical Approval: None

Course Prerequisites:

- LBL0010 - Safety, Emergency Preparedness and Trafficking Persons **OR** PSD 0150 General Emergency Management Training (Online)
- EHS0520- Fire Extinguisher Safety (Online)
- EHS0522 - Fire Extinguisher Safety (Class Room)
- EHS0735 – Blood Borne Pathogens Training for Researchers (Online)
- PSD0131 - General Hazards Awareness Training (Online)

Course Purpose: Community Emergency Response Team (CERT) training provides students with a basic understanding of disaster preparedness and response that will enable them to protect themselves as well as their coworkers, families and communities in the event of a large scale disaster which overwhelms the capabilities of professional emergency responders. In addition to learning disaster preparedness and response skills taught in CERT Basic Training, students will also be provided with Lab specific training that introduces the LBNL Emergency Response Organization (ERO); CERTs incorporation into the ERO; and special hazards associated with the Lab.

Audience:

Employees volunteering to be on the LBNL CERT Team.

Learning Objectives:

Upon completion of CERT Basic Training, students will acquire the skills and knowledge of:

Disaster Preparedness

- Understand the types of hazards that are most likely to affect the Lab, as well as their home and neighborhood
- Take steps to prepare themselves for an emergency event or disaster
- Identify the functions of CERTs and their role in immediate response

CERT Organization

- Understand CERT organization
- Identify and use CERT documentation

Fire Safety and Utility Controls

- Identify and reduce potential fire hazards in the Lab, as well as their home and neighborhood
- Work as a team to apply basic fire suppression techniques to extinguish a small fire

Disaster Medical Operations

Triage and First Aid

- Apply techniques for opening airways, controlling excessive bleeding, and treating for shock
- Conduct triage under simulated disaster conditions
- Perform head-to-toe patient assessments
- Select and set up a treatment area
- Employ basic treatments for various injuries and apply splints to suspected fractures and sprains

Search and Rescue

- Identify planning and size-up requirements for potential search and rescue situations
- Recognize the most common techniques for searching a structure

- Work as a team to apply safe techniques for debris removal and patient extrication
 - Learn ways to protect rescuers during search and rescue operations
- Disaster Psychology
- Understand the post-disaster emotional environment
 - Identify the steps that rescuers can take to relieve their own stressors and those of disaster victims

Training is in accordance with the following: LBNL's ISM Plan 6.2.3.1, OSHA 29 CFR 1910.145 Section L-11.8 Accident Prevention Signs and Tags. DOE O 151.1C Chapter III, paragraph 4a, and Chapter IV, paragraph 4a, Training and Drills, *Community Emergency Response Team, Basic Training Instructor Guide*. Federal Emergency Management Agency. January, 2011. EM-PLAN- 015, Community Emergency Response Team Program Plan

Written Exam: No. Quiz - questions are part of the training

Practical Exam: Guided "Hands on" demonstration of skills acquired during training.

Retraining/Recertification: No

Course Evaluation: Written evaluations regarding the effectiveness of the trainer, the training, and the visual aids.

Web Resource: EHS Training Program web page <https://training.lbl.gov> or contact Protective Services – Emergency Management @emergencymanagement@lbl.gov