



ONE-DAY REFRESHER COURSE/PPE FOR NEW YORK CITY HOSPITALS

Objectives:

Applied Learning Solutions provides an accredited 2-Day Operations Awareness level course for hospitals and medical professionals. It is recommended by OSHA that all training on this topic be “refreshed” and the skills practiced on an annual basis. This one-day refresher course exceeds these requirements by reinforcing previous training, practicing skills and updating the students on newer content and decontamination techniques.

Module 1:

Introduction to Terrorism and its implications on the Emergency Responder Community

This module covers a basic understanding of terrorism and that a terrorist event is not a typical emergency. It will discuss the common shortfalls that face the emergency responders and hospitals in correctly dealing with this threat. It will describe what resources are needed in advance of a terrorist event-taking place, so a safe and structured response can occur.

Module 2:

Body Systems and the Environment

When exposure or contamination takes place, a chemical gains an opportunity to injure the body. In this section we will address the following three areas. Recognition of the potential hazards associated with hazardous materials to medical providers, and hospital employees and how to take the necessary actions to lessen the facilities exposure to these hazards. Routes of entry a chemical may take to gain access into the body will be described. Cold and heat related emergencies while working in PPE.

Module 3:

Chemical Protective Clothing

All levels of PPE will be described in this module, along with all disadvantages and advantages of wearing such equipment. The students will understand all available types of breathing equipment, their limitations and uses during hazardous material incidents. An emphasis will be placed on the equipment currently utilized by Metropolitan Hospitals.

Module 4:

Factors that contribute to a chemical suit failure

When evaluating chemical protective suits for use in a hazardous environment, students must thoroughly understand the three factors that pose a threat. Penetration, degradation, and permeation will be discussed during this module. Inspection of equipment is essential in maintaining a high degree of readiness. Students will understand the importance of routine inspection and storage techniques of PPE.

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Module 5:

Donning and Doffing

Correct methods and techniques of dressing in Personal Protective Equipment will be stressed during this period. Students will be taught time-reducing donning procedures, aiding in a timely team response. Students will learn in a hands-on, step-by-step manner as the instructors methodically dresses a student. Students will also learn the correct sequences for taping gloves and boots, along with respiratory protection specific to the equipment of Coney Island Hospital.

Module 6:

Medical pre-screening and respiratory protection programs

Medical surveillance is intended to maximize the health of the emergency workers while minimizing the health risks. This section will outline an approach toward medical monitoring, which establishes testing against normal values. Is the surveyed individual capable of enduring the tasks of the incident? What are the parameters that can eliminate the rescue worker from performing duties in PPE? We will show students how to determine the physical character and preparedness of the emergency worker by noting their hydration, sensorium, and coordination.

Module 7:

Student donning and doffing exercise

This is a critical portion of the training. During this module, students will have time to work in teams, with the common goal of correctly dressing themselves in their facility's PPE. This is an effective training method, as it introduces the student to a real-life experience in wearing PPE for the first time. This small team approach allows not only students to wear PPE, but to help dress fellow students multiple times. Every student will be under the watchful eye of experienced Hazardous Material Specialists, who will ensure the correct techniques are used.

Each student will receive a textbook containing the covered material and a PPE donning and doffing "check list".