



EGR 140: OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

This course provides educational background and skills required by personnel involved in hazardous waste operations. It includes the required components of the 40 hour off site training requirement for hazardous waste site workers as defined in the Code of Federal Regulations, 29 CFR 1910.120. This level of training is required, by law, for all employees working at a hazardous waste site who will be exposed to hazardous substances, health hazards, or safety hazards. Personnel who will benefit from this course include: equipment operators, general laborers, and others, as well as on-site management and supervisors directly responsible for, or who supervise employees engaged in, hazardous waste operations. Topics covered will include: hazardous waste regulations, chemical, physical, and biological hazards, toxicology, medical surveillance and first aid requirements, selection, use and care of personal protective equipment, proper handling of wastes stored in drums, confined space entry, and other safety procedures. A field mock up exercise will also be conducted. Students completing this course and successfully passing the certification exam given at the end of the course will receive the official OSHA certification of their completion of this course. Three lecture hours per week. Instructional Support Fee applies.

Course Student Learning Outcomes

1. Work safely in a hazardous waste operations environment.
2. Chose the proper personal protective equipment for the situation and care of the equipment.
3. Understand the hazardous waste regulations and chemical, physical and biological hazards associated with hazardous waste operations and emergencies responses.
 1. Properly handle hazardous waste stored in drums.
 2. Enter confined spaces safely.
 3. Conduct proper lock out/ tag out procedures for electrical equipment.
 4. Obtain OSHA 40 hour HAZWOPER certification.

Credits: 3

Program: Engineering