



**HAZMAT
Course Objectives**

- (1) HAZWOPER elements and safety program
- (2) Effects of chemical exposures
- (3) Effects of biological & radiological exposures
- (4) Fire and explosion hazards
- (5) General safety hazards
- (6) Confined space, tank, and vault hazards
- (7) Persons responsible for site safety and health
- (8) (Specific) health and safety hazards
- (9) PPE program and use of PPE for full protection
- (10) Work practices for risk reduction
- (11) Engineering controls, risk reduction
- (12) Medical surveillance program
- (13) Site health and safety plan (HASP)
- (14) Use of monitoring equipment
- (15) Site informational program
- (16) Drum and container handling/spill containment
- (17) Material handling equipment
- (18) Risks from handling radioactive wastes
- (19) Handling of shock-sensitive wastes
- (20) Laboratory waste pack handling procedures
- (21) Container sampling
- (22) Procedures for shipping and transport
- (23) Decontamination program and procedures
- (24) Emergency response plan and first aid
- (25) Safe illumination levels
- (26) Site sanitation procedures and equipment
- (27) Review HAZWOPER appendixes
- (28) Overview of hazard communication standard
- (29) Use of reference materials
- (30) Toxicology principles and biological monitoring
- (31) Employee rights and responsibilities
- (32) "Hands-on" exercises and student demonstrations