

Lesson Plan  
 HAZWOPER Refresher Course  
 Public Works, 2026

**Training Goal**

To maintain employee safety and compliance by reinforcing critical skills, updating knowledge on current HAZWOPER safety standards, and ensuring competency in defensive emergency procedures, hazard recognition, and the use of PPE to protect workers and the environment

Module	Topic	Learning Objectives	Duration
1	Laws & Regulations	Define legal mandates under OSHA 29 CFR 1910.120. Review RCRA, CERCLA, SARA, and EPCRA. Discuss NFPA 470 and GHS 2025 updates. National Incident Management System (NIMS) and Incident Command System (ICS)	0.5 Hour
2	Site Characterization	Understand the importance of the Health and Safety Plan (HASP). Review site control, job hazard analysis, and identifying "orphaned" containers. Identify PFAS and Reportable Quantities (RQ).	0.5 Hour
3	Hazard Recognition	Categorize Physical Hazards (explosivity, flammability) and Health Hazards (toxicity, carcinogenicity). Understand hazard communication (HAZCOM) and the Globally Harmonized System (GHS).	0.5 Hour
4	Toxicology	Understand chemical properties. Distinguish between Acute and Chronic exposure symptoms. Define legal limits including PEL (Permissible Exposure Limit) and IDLH conditions.	0.5 Hour
N/A	BREAK	Leave Classroom	0.25 Hour
5	PPE & Medical Surveillance	Review selection and use of Personal Protective Equipment (PPE). Discuss the role of Medical Surveillance in monitoring worker health. Demonstrate PPE Use.	0.25 Hour
6	Decontamination	Identify procedures for Emergency and Technical Decontamination. Review decontamination plan elements within the Emergency Response Plan (ERP).	0.5 Hour
7	Emergency Response	Apply the Incident Command System (ICS) and develop your plan. Review defensive tactics: Absorption, Diking, Damming, Diverting, and Vapor Suppression.	0.5 Hour
8	Exercise	Students demonstrate site characterization, PPE use, and plan development.	0.25 Hour
9	Final Assessment	Course Review. Complete the 50-question competency test with at least 85% accuracy.	0.5 Hour