

FIRE B70D
Hazardous Materials Tech/Spec 1A: Basic Chemistry

Student Learning Outcomes or AUO	Measure	PLO	ILO	GE
1. Identify the levels of hazardous materials response training required for certification.	Written Exams		I	
			II	
			III	
2. Recognize chemical compounds in terms of general categories and family classifications.	Written Exams		I	
			II	
			III	
3. Define the terms “chemistry” and “matter,” identify the three states of matter, recognize the differences between pure substances and mixtures, and recognize physical and chemical properties.	Written Exams & Group Assignments		I	
			II	
			III	

PLOs:

This is a standalone course, mapping only to the ILO's

ILOs:

- I. **Think critically and evaluate sources and information for validity and usefulness.**
- II. **Communicate effectively in both written and oral forms.**
- III. **Demonstrate competency in a field of knowledge or with job-related skills.**
- IV. **Engage productively in all levels of society – interpersonal, community, the state and nation, and the world.**

GELOs:

Use the GE categories from the catalog if this is a GE course.

A-E

