

## FIRE B70E

### Hazardous Materials Tech/Spec 1B: Applied Chemistry

Student Learning Outcomes or AUO	Measure	PLO	ILO	GE
1. Identify the principles of operation of Radiation Monitoring Devices.	Written Exams		I II III	
2. Recognize and 15. analyze the process of looking for contaminants in the air.	Written Exams		I II III	
3. Identify what colorimetric tubes, electrochemical sensors, flame ionization detectors and infrared spectroscopy are designed to detect.	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

