

Chemistry for Emergency Response

**March 2-6, 2009
May 4-8, 2009**

**Spokane 10
Vancouver Fire**

This 40 hour course is designed to prepare the responder to function safely at the scene of a hazardous materials incident by understanding the potential hazards. This is accomplished by gaining recognition of chemical nomenclature and basic principles of chemistry in order to assess risks to responders and the public. The course seeks to convey to first responders or prevention personnel a sound understanding of the basic chemistry of hazardous materials to permit them to correctly assess the threat posed by hazardous materials incidents that may occur accidentally or intentionally. Problem-solving sessions and interactive discussion cover topics such as salts and inorganic non-salts, hydrocarbons, hydrocarbon derivatives, and hydrocarbon radicals. Applying the science of chemistry to thermodynamics, volatility, and combustion provides real-world opportunities. An understanding of basic chemistry is helpful to receive maximum benefit from the course.

The current hazardous materials training calendar is available on the WSP web site at: <http://www.wsp.wa.gov/fire/hazmat.htm> with detailed information on all of our courses. Application information is available on the web site.

Questions regarding registration for the class should be directed to the Hazardous Materials Training Unit at (360) 596-3923, or by email to: hazmat@wsp.wa.gov or ron.bowen@wsp.wa.gov.

Assistant State Fire Marshal Paul Perz
Preparedness Division