

Program Categories	Laboratory Responsibilities and Tasks	PI EHS Responsibilities
		Training Frequency
		annual
General Lab Safety Chemical Safety	Principal Investigator or Lab Supervisor	*
	Exposed to hazardous chemicals	
	Reactives, Pyrophorics, or toxins	
	Work with and dispose of hazardous wastes	
	Work with controlled substances	
Biological safety	Work with biohazardous materials or recombinant DNA	
	Work with blood or infectious agents	
	Work with syringes on human subjects	
Radiation Safety Laser Safety	Work or exposed to radioactive materials	
	Use X-ray equipment	
	Use class 3B or 4 lasers	
Animal Use and Care	Have direct contact with live vertebrate animals	
	Perform procedures requiring aseptic technique	

### Course Descriptions

**Principal Investigators/Lab Supervisors EHS Requirements:** This covers the roles and responsibilities and environmentally sound lab. The course is offered in the training tab online.

**Laboratory Safety Orientation:** This **web based training** is required for laboratory workers in labs with introduction to safe practices in the chemical lab environment. Including basic safety, identifying hazards, electrical safety, fire safety and emergency procedures.

**Lab Hazardous Waste Management:** This **classroom style training** is required for labs that use hazardous materials. Introduction to Resource Conservation and Recovery Act and its application in the University lab environment. Procedures, labeling, storing, treating, and disposal procedures for hazardous waste at UAH. Annual

**Controlled Substances:** **Web based training** covers the DEA requirements for the use of controlled substances, controls and security, orders / delivery / receipt, Use Logs and Biennial Inventory, Transfers / Imports and Illicit Activities and Repercussions.

**Biosafety:** **Web based training** covers the NIH requirements for the proper handling of microorganism work conducted in a microbiological laboratory.

**Bloodborne Pathogens:** This **web based training** reviews the NIH requirements for the use of potential biohazard labs. Bloodborne Pathogens Standard, Epidemiology & Symptoms, Modes of Transmission, Exposure Assessment, Compliance, PPE Selection, PPE Decontamination & Disposal, Hepatitis B Vaccination, Emergency Preparedness, Follow-up, Signs and Labels, Waste Management will be covered.

**Introduction to Radiological Safety:** This **web based training** is required for new users of radioactive materials. Topics include ionizing radiation, ALARA, surveys, security and inventory control, waste management.

**X-Ray Safety:** This **web based training** is required by the ADPH for users of X-ray instrumentation. It covers topics including characteristics of X-radiation, units of dose and quantity of radioactivity, significance of radiation and methods of controlling radiation dose.

**Laser Safety:** Training is required because of the hazards associated with the use of nonionizing radiation. Class IV lasers. Topics include: Introduction, Hazards (Biological and Non-Beam), Engineering Controls, and Personal Protective Equipment (PPE).

**Training Support: Please contact us for additional resources or with questions regarding safety training at 6053.**

**TRAINING COURSES**

Lab Safety Orientation	Lab Hazardous Waste Mgt	DEA Controlled Substances	Biosafety	Bloodborne Pathogens	Radiation Safety	X-Ray Safety	Laser Safety
annual	annual	annual	every two yrs	annual	annual	annual	every two yrs
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s of PI's and Lab Supervisors in maintaining a safe

th government agency funding. It provides an  
 zards, exposure controls, hazardous materials,

dous chemicals and receive federal funding.  
 nvironment. Includes hazardous waste determination  
 updates are web based.

ubstances. Topics include: Introduction, storage site  
 s / Exports, Disposal, Diversion and Loss Reporting,

ms in teaching and research, recombinant DNA, and

ntially infectious and infectious organisms in research  
e Control Plan, Tasks & Activities, Methods of  
ocedures, Exposures, Post Exposure Evaluation &

e materials by the Alabama Department of Public  
agement, records, and rules.

provides an overview of X-ray producing equipment  
iation dose, levels of radiation from sources of

iation. Training covers the safe use Class IIIB and  
Is, Administrative Controls, Work Practices, and

aining requirements at [www.uah.edu/oehs](http://www.uah.edu/oehs) or 824-