

Engineering Safety Training Matrix

Initial (One Time on Record) Training

	Active Threat*	Arc Flash*	Asbest Mgt. Plans*	Autoclave*	Bldg. Emer. Action Plans	Chem. Terrorism Vulnerability Info.	Chem Waste	Confined Space	Enviro.*	Fall Protection	Fume Hood Maint.	Hazard Comm.	Lab - Chem Mgt.	Lab - Elect. Safety	Lab - Gen. Safety	Lockout Tagout	Noise Exposure	Personal Protective Equip.	Radioactive Materials	Unders. BioSafety
<i>Hours per course</i>	4 or 8	1	1	0.5	0.5	0.5	0.75	2	1	1.5	1	0.5	1.5	0.25	0.5	1.5	0.5	0.25	0.5	0.5
Principal Investigator	X	X		X	X	X	X		X		X		X	X	X	X	X	X	X	X
Lab Manager	X	X		X	X	X	X		X		X		X	X	X	X	X	X	X	X
Researcher	X	X		X	X	X	X		X		X		X	X	X	X	X	X	X	X
Office Workers	X				X							X								
Shop Personnel	X	X			X		X	X	X	X		X		X	X	X	X	X		
Facility Managers	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Annual Training

	Asbestos	Bio/Fume Hoods*	Bloodborne Pathogens	Carcinogens	Clean Rooms	*Fire Extinguishers	Formalde hyde	Human Cell Lines	Hydrofluoric Acid	Laser	Lead	Radiation Awareness	Radiation Safety Update	Respiratory Protection	Spill Prev. for Oil	X-Ray Mach
<i>Hours per course</i>	1	1	0.75	1	1	0.5	1	1	1	0.5	1	0.25	0.25	1.5	1	0.5
Principal Investigator		X	X	X	X	X	X	X	X	X		X	X	X	X	X
Lab Manager	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Researcher	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Office Workers						X						X				
Shop Personnel	X		X			X					X	X		X	X	
Facility Managers	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Periodic Training

	Forklift	Trans. of Infectious Substances, Category B	Trans. of Hazardous Materials
<i>Hours per course</i>	4	1	0.5
Principal Investigator		X	X
Lab Manager		X	X
Researcher		X	X
Office Workers			
Shop Personnel	X		
Facility Managers	X	X	X

* = Not required but recommended

Classroom

Classroom and Practical

Online

Principal Investigator - the person responsible for everything within the lab

Lab Manager - responsible for managing the day-to-day operations of the lab

Researcher - anyone performing research in a lab (e.g., undergrads, graduate students, post doc's, visiting researchers, etc.)

Office Workers - those who work primarily in an office environment with little reason to enter a lab

Shop Personnel - those working primarily in a machine shops and/or other instrument making facilities

Facility Managers - responsible for the general upkeep and maintenance of a facility