

Safety Training Guide For Research Areas

General Lab Training		
Course Title	Training Frequency	Training Platform
Hazard Communication - Modules 1 & 2	Every 3 years	Webnet or CITI
RCRA Hazardous Waste Awareness	Before initial assignment of lab duties	Webnet or CITI
Personal Protective Equipment	Before initial assignment of lab duties	Webnet or CITI
UMBC Lab Safety	Before initial assignment of lab duties	Webnet or CITI
Compressed Gas Cylidners	Before initial assignment of lab duties	Webnet

Lab or Department-Specific Courses (as applicable based on research activity)			
Course Title	Training Frequency	Training Platform	Scope/Applicability
Bloodborne Pathogens Awareness	Annual	Webnet or CITI	Potential for researcher exposure to blood or other potentially infectious material (human)
Respiratory Protection	Annual	Webnet	Annual training if required to wear a respirator - refer to UMBC Respiratory Protection Program
Electrical Safety	Annual	Webnet	If research activities involve potential exposure to electrical hazards
Machine Guarding	Annual	Webnet	Required if working with shop or makerspace tools, equipment, machinery
Laser Safety	Before initial assignment of lab duties	Contact ESH	Research activities involve laser generating equipment
Lockout Tagout	Annual	Webnet	Research involves potential exposure to hazardous energy, such as electrical energy, moving parts, stored energy, pneumatics, etc.
Radiation Safety	Before initial assignment of lab duties	Webnet	Research involves radioactive material or radiation generating equipment
UMBC Cleanroom Safety	Before initial assignment of lab duties	Webnet	Activities involve work or research in a cleanroom environment
UMBC Working Safely with Animals - Modules 1 & 2	Before initial assignment of lab duties	Webnet	Working with live animals such as in a vivarium as part of lab duties