

# LAB SAFETY TRAINING CHECKLIST

## BASIC LAB SAFETY

Select the **ONE** basic lab safety track most appropriate for your lab.

Subject	Description	Link	Required
<b>Lab Safety - Basic (no biologicals)</b>	Required courses for individuals in labs with chemicals, compressed gas or liquid nitrogen, and hazardous waste. Not for labs with biological materials or BBP risk.	<a href="https://bit.ly/EHS-T-1702">https://bit.ly/EHS-T-1702</a>	
<b>Lab Safety - Basics, Biologicals (no BBP risk)</b>	Required courses for individuals in labs with basic risks from lab equipment and materials plus risk from biological materials (agents that require BSL-2, recombinant or synthetic DNA, or live animals).	<a href="https://bit.ly/EHS-T-1703">https://bit.ly/EHS-T-1703</a>	
<b>Lab Safety - Basics, Biologicals, Bloodborne Pathogens</b>	Required courses for individuals in labs with basic risks from lab equipment and materials plus risk from biological and bloodborne pathogen materials.	<a href="https://bit.ly/EHS-T-1704">https://bit.ly/EHS-T-1704</a>	
<b>Laboratory Site-Specific Training</b>	Required for all lab personnel. Complete checklist with PI and have available for inspection.	<a href="https://bit.ly/site-training">https://bit.ly/site-training</a>	

## CHEMICAL AND BIOLOGICAL SAFETY

Select any that apply based on risks in your lab.

Subject	Description	Link	Required
<b>Bloodborne Pathogen Awareness</b>	Recommended for individuals who are <b>NOT</b> working directly with human materials, but <b>DO</b> work in areas where they may encounter materials unexpectedly	<a href="https://bit.ly/EHSB-0000A-SCO">https://bit.ly/EHSB-0000A-SCO</a>	
<b>Biological Substance Shipping</b>	Required if your job involves routine shipping of biological materials and/or packages containing dry ice	<a href="https://bit.ly/EHS-T-1442">https://bit.ly/EHS-T-1442</a>	
<b>Controlled Substances</b>	Required if using or have access to controlled substances	<a href="https://bit.ly/EHS-T-2002">https://bit.ly/EHS-T-2002</a>	
<b>Formaldehyde Safety</b>	Required for personnel teaching or working in human and veterinary anatomy labs where formalin preserved tissue is present	<a href="https://bit.ly/EHS-T-1661">https://bit.ly/EHS-T-1661</a>	
<b>Non-Medical Sharps Waste Management</b>	Required if using sharps (needles, syringes, Pasteur pipettes, microscope slides) in a <b>non-medical/non-biohazard</b> setting	<a href="https://bit.ly/EHS-T-1741">https://bit.ly/EHS-T-1741</a>	
<b>PI Responsibilities Under the NIH Guidelines</b>	Required for principal investigators involved in Recombinant or Synthetic Nucleic Acid Molecule Research	<a href="https://bit.ly/EHSB-3003-SCO">https://bit.ly/EHSB-3003-SCO</a>	
<b>Safe Handling of Hazardous Drugs</b>	Required for human and veterinary healthcare personnel working with or near hazardous drugs	<a href="https://bit.ly/EHS-T-1761">https://bit.ly/EHS-T-1761</a>	

## RADIATION SAFETY

Select any that apply based on risks in your lab.

Subject	Description	Link	Required
<b>Radiation Safety</b>	Required if using radioactive material	<a href="https://bit.ly/EHS-T-1456">https://bit.ly/EHS-T-1456</a>	
<b>Analytical X-Ray Safety</b>	Required if operating analytical x-ray generating equipment	<a href="https://bit.ly/EHS-T-1801">https://bit.ly/EHS-T-1801</a>	
<b>Clinical X-Ray Safety</b>	Required for those working in the area of clinical x-ray producing equipment and assigned dosimetry	<a href="https://bit.ly/EHS-T-1802">https://bit.ly/EHS-T-1802</a>	
<b>Laser Safety</b>	Required if using class 3B or Class 4 open beam lasers. Recommended for all laser users	<a href="https://bit.ly/EHS-T-1781">https://bit.ly/EHS-T-1781</a>	
<b>Non-Rad Worker Awareness</b>	Recommended if working in a building where radioactive materials are present.	<a href="https://bit.ly/rad-awareness">https://bit.ly/rad-awareness</a>	
<b>Radiation Sealed Source</b>	Required if working with gas chromatographs equipped with radioactive electron capture devices (ECD)	<a href="https://bit.ly/EHS-T-1445">https://bit.ly/EHS-T-1445</a>	

## ANIMAL HANDLERS

Select any that apply based on risks in your lab.

Subject	Description	Link	Required
<b>Disposal Of Pharmaceuticals; Other Medical Materials, And Feed</b>	Recommended if involved in research with live animals.	<a href="https://bit.ly/EHS-4907-SCO">https://bit.ly/EHS-4907-SCO</a>	
<b>Non-Human Primate Materials Biohazard</b>	Required if working with non-human primate cell lines or tissues	<a href="https://bit.ly/EHS-2014">https://bit.ly/EHS-2014</a>	

## SYSTEM BASICS

- Log into Ability LMS to complete training and check records: <https://orrs.msu.edu/train>
- New user resources: <https://orrs.msu.edu/train/new-users/>
- Supervisor/PI resources: <https://orrs.msu.edu/train/managers/>

The PI is ultimately responsible for monitoring training of lab personnel and for completing site-specific training with each worker.