

# Safety Training Requirements for New Employees, Long-Term Visitors, and Interns Working in Laboratories or Workshops

Before you are allowed to begin working with chemicals in a Laboratory or with any Shop Equipment (including the Rock Lab) on the Lamont Campus you must complete the requisite Safety Training. Furthermore, before beginning any work in the lab or workshop, you must have the permission of the Lab Principle Investigator (PI) or the Shop Supervisor to work in that lab / workshop, and review with the PI or Shop Supervisor the “Lab Specific Safety Work Procedures” or “Tool Specific Procedures”.

**Please supply the information requested below and have your Lab PI check which safety training course(s) that are required for your position and sign form.**

**Return completed form to the LDEO Safety office so that we can update the Columbia RASCAL Training Records and provide you with additional information on obtaining the required training.**

<b>Name:</b>	
<b>Columbia UNI Number:</b>	
<b>Email Address:</b>	
<b>Department:</b>	
<b>Title:</b>	
<b>Principle Investigator / Shop Supervisor Name (s):</b>	
<b>Labs Working In:</b>	

Job Function or Activity	Required Safety Training	Initial Training Method / Refresher Training Frequency	REQUIRED (Check if Yes)
<b>General Research Safety Courses</b>			
Working in a laboratory or with chemicals	Laboratory Safety, Chemical Hygiene and Hazardous Waste Management Training <i>Course: TC0950</i>	“Live” Initial / refresher every 2 years	
<b>Radiation Safety courses</b>			
Working in a lab that uses Radioactive material (RAM) or X-Ray producing machinery	Radiation Safety Training <i>Course: TC1750</i>	“Live” or RASCAL Initial / Annual refresher	
Working in LDEO Ultra Clean Lab with Lames Spike.	Radiation Safety for Use of LDEO LaMes Spike <i>Course: TC2050</i> <i>Note: TC1750 also Required</i>	RASCAL	

Job Function or Activity	Required Safety Training	Initial Training Method / Refresher Training Frequency	REQUIRED (Check if Yes)
<b>Activity or Hazard Specific Research Safety Courses</b>			
Working with Formaldehyde or Xylene	Formaldehyde and Xylene Safety Training <i>Course: TC0016</i>	"Live" or RASCAL Initial / Annual Refresher	
Working with Hydrofluoric Acid	Hydrofluoric Acid Safety Training <i>Course: TC1650</i>	"Live" or RASCAL Initial / Refresher every 2 years	
Working with Class 3b or 4A Lasers. Personnel working with other lasers are encouraged, but not required.	Laser Safety Training <i>Course: TC1600</i>	"Live" Initial / Refresher every 2 years	
Working in a machine shop or other area with machinery. Personnel working with a specific machine must receive machine specific training provided by their department before use.	Shop Safety Training: <i>Course: TC0600</i>	RASCAL	
Working in an area where more than 60 gallons of Cryogenic Liquid (Liquid Nitrogen) is being stored, handled or used.	Storage, Handling and Use of Cryogenic / Refrigerated Liquid Gases (G-97) <i>Course: TC0084</i>	RASCAL	
Working in a lab that uses cyanide or cyanide containing substances	Cyanide Safety Training <i>Course: TC0085</i>	RASCAL	
Working in a lab that stores, handles or uses pyrophoric materials	Pyrophoric Materials Training <i>Course: TC1850</i>	"Live" Initial/ "Live" Refresher	
Working with Controlled Substances <i>in vitro</i> or <i>in vivo</i> , under IACUC-approved protocols	Controlled Substances Use and Management in Research <i>Course: TC0502</i>	RASCAL / Refresher every 2 years	

Job Function or Activity	Required Safety Training	Initial Training Method / Refresher Training Frequency	REQUIRED (Check if Yes)
<b>Biological Safety and Shipping Courses</b>			
Working with: human blood, body fluids, cell lines or unfixed tissue, infectious microorganisms (capable of causing disease in healthy adults), or viral vectors	Biological Safety / Bloodborne Pathogen Training <i>Course: TC0509</i>	"Live" initial / Annual Refresher	
Working with viral vectors in research	Viral Vector Research – Handling and Biosafety <i>Course: TC1150</i>	RASCAL	
Working with recombinant DNA in research	Recombinant DNA Training <i>Course: TC0508</i>	RASCAL / Refresher every 2 years	
Shipping specimens/viable microorganisms known to or reasonably expected to contain material that may cause disease in humans or animals <u>with</u> Dry Ice	Shipping Biological (infectious and potentially infectious) Materials, Genetically Modified Microorganisms (GMMOs) and Exempt Specimens Training <i>Course: TC0507</i>	RASCAL / Refresher every 2 years	
Shipping non-hazardous materials <u>with</u> Dry Ice	Shipping with Dry Ice, Exempt Specimens and Excepted Quantities of Dangerous Goods <i>Course: TC0076</i>	RASCAL / Refresher every 2 years	

Date: \_\_\_\_\_

Principle Investigator Name (Please Print): \_\_\_\_\_

Signature: \_\_\_\_\_