



Environmental Health & Safety Required Safety Training

NOTE: All assignments of Training Programs occur within BioRAFT.

Just complete your BioRAFT profile and confirm the Job Activities. This will automatically assign required training to members of your group.

v.20200427

2020 Course Name	Required for	Initial	Refresher	Corresponding Regulations
Laboratory Safety Program Orientation	Introduction to Laboratory Safety at Northeastern University for all laboratory workers.	Online	N/A, unless program changes.	29 CFR 1910.1450 (OSHA)
Fundamentals of Laboratory Safety	A comprehensive course that covers a wide range of laboratory safety topics for all laboratory workers.	Online	The Laboratory Safety Refresher needs to be taken annually online.	29 CFR 1910.1450 (OSHA)
Hazardous Waste Management Classroom Training	This training is a requirement for all employees and students who manage or generate hazardous waste. Annual refresher programs are available online.	Classroom	The Hazardous Waste Refresher needs to be taken annually online	40 CFR 265 (EPA) 310 CMR 30.000 (DEP)

Biosafety Part I	<p>This program is required for researchers who are handling hazardous biological materials in research laboratories. Biological materials include infectious agents, human/non-human primate materials, synthetic nucleic acids, transgenic animals, infectious agents or other biohazardous materials. We include the requirements of the OSHA Bloodborne Pathogens Standard within this course. This course is not intended for clinical majors (See Bloodborne Pathogens instead).</p>	<p>Online</p>	<p>Annual Refresher is online (see below)</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>
Biosafety Part II: Classroom Training	<p>This training is a requirement for all employees whose work or research exposes them to biohazards including disease-producing organisms in human blood or tissues, rDNA, infectious agents, human/non-human primate materials, recombinant and synthetic nucleic acids, or other biohazardous material.</p>	<p>Classroom</p>	<p>Biosafety Online Refresher needs to be taken annually after taking both Biosafety Part I and II.</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>
Biosafety Awareness Training	<p>Biosafety Awareness: This course is designed for NU faculty, staff and students who may have indirect contact with biological hazards.</p>	<p>Online</p>	<p>Annual</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>

Blood borne Pathogens & Exposure Control Classroom Training	<p>This training is required for personnel that may be exposed to human blood or body fluids.</p> <p>You need to take the BIOSAFETY course If you are working with biohazardous materials in a <i>research</i> laboratory. The BIOSAFETY course includes all required content of the bloodborne pathogens course, so you do not need to take both.</p>	<p>Classroom: schedule as needed w/ Biosafety.</p>	<p>The Bloodborne Pathogens REFRESHER Training needs to be taken annually online</p>	<p>29 CFR 1910.1030 (OSHA)</p>
Marino Center/NU Athletics Bloodborne Pathogen Training	<p>This bloodborne pathogens training is designed for staff and students who are working in NU athletic facilities.</p>	<p>Online</p>	<p>Annual</p>	<p>29 CFR 1910.1030 (OSHA)</p>
Autoclave Part I	<p>Required for everyone who will be working with NU autoclaves as well as potentially pathogenic materials. Part I is online; Part II is a hands-on classroom; Both parts must be completed.</p>	<p>Online</p>	<p>N/A, unless equipment and procedures change.</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>

Autoclave Part II: Classroom Training	<p>This training is required for all employees and students who will be operating an autoclave and potentially pathogenic materials. The Laboratory Safety Program Orientation, Fundamentals of Laboratory Safety and Autoclave Training Part I (online) must be completed before registering for this hands-on session.</p>	<p>Classroom course, hands-on (45 mins)</p>	<p>N/A, unless equipment and procedures change.</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>
Regulated Medical Waste	<p>This course is designed for members of the NU community responsible for the shipping of Regulated Medical Waste, which includes packaging, labelling, shipping, or signing the shipping manifest for regulated medical waste shipments.</p>	<p>Online</p>	<p>Every 3 years or when the regulations change.</p>	<p>BMBL/NIH Guidelines on Biosafety (CDC)</p>
Radiation Safety for Radiation Workers: Part I	<p>Radiation Safety training is a requirement for everyone who works with radioactive materials in a NU laboratory. Note: X-Ray is included</p>	<p>Online</p>	<p>N/A. Refresher is online (see below)</p>	<p>29 CFR 1910.1096 (OSHA) 10 CFR Part 20 (NRC) 410 IAC 5 (IAC)</p>

Radiation Safety for Radiation Workers: Part II (Classroom)	<p>Radiation safety training is a requirement for everyone in the NU Community who works with radioactive materials. This course will provide a brief review of the online content and review NU procedures and practices.</p>	<p>Classroom</p>	<p>The Radiation Safety for Radiation Workers: Refresher is online and should be done every 2 years after completing both Radiation Part I and II.</p>	<p>29 CFR 1910.1096 (OSHA) 10 CFR Part 20 (NRC) 410 IAC 5 (IAC)</p>
Radiation Awareness Training	<p>This course is designed for members of the NU community who are working near - - but not directly - - with radioactive materials, such as in shared laboratory spaces.</p>	<p>Online</p>	<p>Every 2 years</p>	<p>29 CFR 1910.1096 (OSHA) 10 CFR Part 20 (NRC) 410 IAC 5 (IAC)</p>
Laser Safety Part I	<p>Laser I: Laser Safety training is a requirement for all employees and students who work with lasers.</p> <p>Completion of both Part I (online) and Part II (classroom) is required to receive credit for Laser Safety Training.</p>	<p>Online</p>	<p>N/A until policy changes</p>	<p>ANSI Z136 (LIA)</p>
Laser Safety Part II (Classroom)	<p>Laser II: Laser Safety training is a requirement for all employees and students who work with lasers. Part II is a classroom course that focuses on Northwestern University procedures and practices, PPE, and other topics.</p> <p>Completion of both Part I (online) and Part II (classroom) is required to receive credit for Laser Safety Training.</p>	<p>Classroom</p>	<p>N/A until policy changes</p>	<p>ANSI Z136 (LIA)</p>

Cryogenic Liquids and HMFS Training	<p>This combined course addresses the unique hazards associated with handling or exposure to cryogenic liquids and equipment and high magnetic fields.</p>	<p>Online</p>	<p>N/A</p>	<p>29 CFR 1910.1450 (OSHA)</p>
Shop Safety Training	<p>This course is required for NU faculty, staff and students working in University shops, maker spaces, and hand/power tools.</p>	<p>Online</p>	<p>N/A, until policy changes</p>	<p>29 CFR 1926 (OSHA)</p>
Safe Shipping of Biological Material and Dry Ice	<p>The purpose of this course is to train researchers to ship biological materials and dry ice safely and in compliance with local, national and international regulations. This is Part I. Part II is I an in-person meeting with EH&S.</p>	<p>Online</p>	<p>Every 2 years</p>	<p>49 CFR 173 (DOT & IATA)</p>