Required Training Courses:

Environmental Health and Safety (EHS) Required Training Course Catalog						
Training Course Title	**Description**	**Required Audience**	**Frequency**	**Delivery Method**	**Duration (minutes)**	**Registration Contact**
New Employee Orientation Campus Safety & Security Environmental Health and Safety	In this course, you will learn how to comply with University safety policies and programs, complete job-specific safety compliance training, request EHS consultative assistance, and safety expectations.	All employees	Initial	Learning & Development Portal	30	Human Resources
LEAD Supervisor Safety	This course is designed for supervisors and managers to assist them with the implementation of safety policies and procedures within their work environments. Course participants will receive an understanding of EHS services, general overview of University safety policies, and the role they play within the EHS system at UNC Charlotte.	All supervisors	Initial	Learning & Development Portal	60	Human Resources
Aerial Work Platforms (Aerial Lifts)	In this course, you will learn to recognize potential hazards when inspecting your equipment and operational work area, identify the required PPE for aerial work platforms, identify safety features normally included in aerial work	All employees required to operate an aerial lift as part of their job duties.	Initial and every 3 years	Instructor-led Training	120 minutes	EHS

	platforms and recognize the OSHA-mandated training requirements for aerial work platform operation.					
Asbestos	In this course, you will learn the requirements for identifying asbestos hazards, health effects of asbestos exposure, location where asbestos is commonly found, and how to protect against exposure to asbestos. Specials Note: The course is not a substitution for North Carolina Asbestos certification. Please coordinate with your supervisor and EHS for specific asbestos certification training.	All employees who work may expose them to friable asbestos materials.	Initial and annual	Learning & Development Portal	45	EHS
Back Safety and Injury Prevention 2.0	In this course, you will learn to identify job-specific hazards that contribute to preventable back injuries, select attributes of a proper posture, identify ways to minimize back injuries and	All employees	Initial	Learning & Development Portal	15	EHS

	examples of controls for preventing back injuries.					
Bloodborne Pathogen Awareness 2.0	In this course, you will learn a basic understanding of bloodborne pathogens, common modes of transmission, methods of prevention, and what to do if an exposure occurs. Information presented will help minimize serious health risks to persons who may have personal exposure to blood and other potentially infectious materials in the workplace.	All employees who have reasonable anticipated exposure to blood or other potentially infectious materials as part of their job duties.	Initial and annual	Learning & Development Portal	30	EHS Labs - Biosafety Officer
Building Emergency Evacuation Training-	The Occupational Safety and Health Administration (OSHA) requires employers to develop emergency evacuation plans and train employees. This course will provide directions for the safe evacuation of University buildings and safe assembly points.	All employees	Initial and annual	Learning & Development Portal	30	EHS
Compressed Gas Safety	This course is designed to familiarize employees with the hazards of compressed gasses, cylinder markings, special storage, usage, and handling	All employees using compressed gas cylinders	Initial	Learning & Development Portal	30	EHS

	precautions necessary in order to control the hazards and identify transportation requirements.					
Confined Spaces 2.0	In this course, you will learn to recognize hazards, enter confined spaces, define terms and understand personnel responsibilities.	All employees required to work in permit required confined spaces or those who will supervise entry.	Initial	Instructor -led Training	180	EHS
Contractor Safety	This course is designed to familiarize project managers of their duty to inform new contractors of the Contractor Safety Program and safety regulatory requirements between host employers and contractors.	All employees who manage renovation, construction, or maintenance contractors.	Initial	Instructor-led Training	60	EHS
Cryogenic Liquid Safety	This course is designed to familiarize employees with the hazards of cryogenic liquids, markings, storage, usage, and handling precautions necessary in order to control the hazards. Cryogenic materials are commonly used in the workplace for a variety of purposes, such as refrigeration, medical applications, and rocket propulsion. Due to their extremely cold temperatures, cryogenic materials can be hazardous if handled and stored incorrectly.	All employees in laboratory and research environments who work with cryogenic materials.	Initial	Learning & Development Portal	60	EHS

	Cryogenic materials are stored in specially designed containers known as dewars and any person handling cryogenic materials must wear personal protective equipment.					
Electrical Safety 2.0	In this course, you will learn identify the components of an electrical circuit, identify common electrical injuries and their effects on the human body, identify actions to take if someone is being electrically shocked, identify actions to take if there is an electrical fire, identify common electrical hazards and identify	All qualified low voltage electrician employees.	Initial	Instructor-led Training	120	EHS

	methods to reduce or eliminate electrical hazards					
Electrical Safety Medium Voltage	This course is designed for authorized medium voltage electricians. This course will familiarize authorized high/medium voltage electricians with Medium Voltage Electrical Safety program, hazards, abatement methods, and equipment safety practices.	All qualified medium voltage (over 600 volts) employees.	Initial	Instructor-led Training	1 day	EHS
Fall Protection	In this course, you will learn to recognize common workplace fall hazards, identify fall protection techniques and methods, and identify guidelines and facts related to fall protection equipment.	All employees who work at heights that exceed 6 feet.	Initial	Instructor-led Training	120	EHS
Fire Extinguisher 2.0 (Portable)	This course is designed to protect employees and help prevent serious property loss from workplace fires. It identifies the various classes of fires, types of portable fire extinguishers, and actions to take in the event of a	All employees required to fight fires as part of their job duties.	Initial and annual	Instructor-led Training	45	EHS

	fire. It describes when and how to use portable fire extinguishers to put out small fires.					
Fire Safety and Prevention 2.0	In this course, you will learn to identify characteristics of fire, recognize ways to prevent workplace fires, identify how to respond to fire emergencies and recognize how to select and use a fire extinguisher.	All employees	Initial and annual	Learning & Development Portal	15	EHS
Forklift Safety 2.0 (Powered Industrial Truck Safety)	This course is designed to familiarize employees with potential forklift hazards, inspection, maintenance, and use requirements.	All employees required to operate a forklift as part of their job duties.	Initial and every 3 years	Instructor-led Training	120	EHS
Hazard Communication: An Employee's Right to Understand 2.0	This course will acquaint you with the precautions that both you and your employer must take in order to safely use, handle, and store hazardous chemicals in the workplace. In this course, you will learn routes of chemical entry,	All Non-laboratory employees who work with hazardous chemicals including, but not	Initial	Learning & Development Portal	30	EHS

	categories of chemical hazards, warning labels, safety data sheets, and control methods.	limited to, Maintenance Trades, Building Environmental Services, and Art areas.				
Hazardous Waste Management	In this course, you will learn about hazardous waste regulations, determinations, waste storage, container management and waste pick-up.	All employees who work in areas where hazardous waste is generated.	Initial and every 3 years	Learning & Development Portal	45	EHS
Hearing Conservation 2.0	In this course, you will learn about the effects of noise, types of hearing protection and hearing conservation program.	All Facilities Management Grounds employees.	Initial and annual	Learning & Development Portal	30	EHS
Laboratory Safety	In this course, you will learn to identify the requirements of the Laboratory Safety Standard, identify characteristics of a workplace Chemical Hygiene Plan, identify general laboratory safety guidelines and identify good practices to follow in the	All employees working in a laboratory.	Initial and every 3 years	Learning & Development Portal	30	EHS

	prevention of laboratory fire and burn hazards.					
Laser Safety	In this course, you will learn to recognize features and hazards of Class 3B and Class 4 lasers, recognize the biological effects of laser exposure on the eyes and skin, recognize examples of non-beam laser hazards, recognize the categories of controls used in laser environments, recognize mandatory controls for Class 4 lasers and recognize measures employees should take in the event of an exposure incident.	All employees required to use lasers as part of their job duties	Initial and every 3 years	Learning & Development Portal	60	EHS
Lockout / Tagout for Authorized Persons 2.0	In this course, you will learn to define Lockout/ Tagout terms, how to work with Lockout Tagout devices and how to remove Lockout Tagout devices.	All employees who perform electrical work, repairs or maintenance to machines/equipment for which a hazard of unexpected energization, start-up, or release of hazardous energy could harm employees.	Initial	Instructor-led Training	180	EHS

Machine Guarding 2.0	This course is designed to familiarize employees with machine guarding requirements for various types of machinery. The course will identify the type of machine hazards, safeguard options and safe standard operating procedures.	All employees who use power machinery during the course of their work.	Initial	Learning & Development Portal	30	EHS
PPE: Personal Protective Equipment 2.0	In this course, you will learn to identify key facts about PPE and its use, identify characteristics of protective clothing materials and protective suits, identify the level of protection that a user is provided when wearing specific types of PPE and recognize proper donning and doffing techniques for PPE.	All employees required to wear PPE as part of their job duties.	Initial	Learning & Development Portal	60	EHS
Radionuclide Safety	This course is designed to familiarize employees with the health implications associated with radiation, regulatory compliance requirements and measures to protect workers from	All employees working with radioactive isotopes.	Initial and every 3 years	Learning & Development Portal	60	EHS

	exposure.					
Radiation Producing Devices	This course is intended for radiation workers handling x-ray and other ionizing radiation producing devices. Topics covered include: Fundamentals of Radiation, Units, Biological Effects, ALARA, Dosimetry, Dose Limits, Forms, Required Postings and Emergency Procedures.	All employees working with X-ray and ionizing radiation producing devices.	Initial and every 3 years	Learning & Development Portal	60	EHS
Respiratory Protection 2.0	This online course will provide employees with a basic understanding of how to identify the hazards of airborne contaminants, identify and use appropriate respiratory protection, recognize the limitations and capabilities of respirators in our workplace, and inspect, maintain, and store respirators. The face to face respirator fit testing will teach the employees how to properly wear their respirator with a proper fit, select the size and style that fits them, and certify them to wear a respirator.	All employees who are required to wear a respirator as part of their job duties.	Initial and annual	Learning & Development Portal + Hands-on Practice Fit Test Evaluation	60	EHS
Safety Monitors	In this course, you will learn to assist with building emergency evacuations, compliance requirements, responsibilities,	All employees designated as safety monitors	Initial	Learning & Development Portal	60	EHS

	safety monitor equipment and basic communication with first responders.					
Slips, Trips, and Falls 2.0	In this course, you will learn to identify fall hazard conditions in the workplace, identify ways to minimize walkway hazards, identify ways to prevent injuries on stairs, identify safe practices for ladder use and use the 4-to-1 rule to determine safe ladder placement.	All employees	Initial	Learning & Development Portal	15	EHS
Spill Prevention Control and Countermeasures (SPCC)	In this course, you will learn the prevention of oil discharges, control measures in place to prevent a spill from reaching the environment, and the procedures for response to release of oil to the environment.	All employees that are involved in oil handling, transfer, storage, and maintenance of oil equipment, or spill response at campuses with SPCC Plans in place.	Initial and annual	Learning & Development Portal	45	EHS
Universal Waste	In this course, you will learn how to identify the hazardous waste items classified as universal waste, characteristics of batteries that make them universal waste, basic handling requirements for lamps that qualify as universal waste, labeling,	All employees required to handle universal waste	Initial and every 3 years	Learning & Development Portal	45	EHS

	and regulatory requirements.					
Welding, Cutting, and Brazing (Hot Work)	In this course, you will learn to identify fire prevention techniques used during welding, cutting, and brazing, identify the types of approved cylinders and how to protect them, identify safe storage procedures for compressed gas cylinders, identify correct practices for storing oxygen and acetylene cylinders safely, and identify safety measures to take while welding, cutting, and brazing in confined spaces.	All employees required to perform welding, cutting, and brazing as part of their job duties.	Initial and every 3 years	Learning & Development Portal	45	EHS

Recommended Courses:

Training Course Title	Description	Audience	Frequency	Delivery Method	Duration (minutes)	Registration Contact
Automated External Defibrillators (AED)	The primary focus of this course is the proper use of the Automated External Defibrillator (AED).	Campus Community Members	Initial	Learning & Development Portal	30	EHS
Behavior-based Safety for Supervisors	This course is intended to provide supervisors with an overview of the concepts of behavior-based safety. This training will aid those supervisors who have not used these techniques in their day-to-day duties and responsibilities in the past.	Campus Community Members	Initial	Learning & Development Portal	30	EHS
Cold Stress	This course will discuss the effects of cold on your body, outline the risk factors for cold-related ailments, and describe the associated treatments for each. This training will also describe several preventive measure techniques and safe work practices that you can use to protect yourself from cold-related stresses.	Campus Community Members	Initial	Learning & Development Portal	30	EHS
Computer Ergonomics	This course is designed to provide the basic information needed to recognize and report musculoskeletal disorder (MSD) signs,	Campus Community Members	Initial	Learning & Development Portal	20	EHS

	symptoms, and risk factors					
COVID-19: A Novel Coronavirus	This course is intended to familiarize those at a higher risk than the general population for contracting COVID-19, precautions to take to protect yourself and others, what to do if you have symptoms, and how to wash your hands appropriately.	Campus Community Members	Initial	Learning & Development Portal	30	EHS
Distracted Driving 2.0	In this course, you will learn why distractions cause accidents, and how to minimize your exposure to them.	Campus Community Members	Initial	Learning & Development Portal	30	EHS
Ergonomics in the Workplace 2.0	This course is designed to provide the basic information needed to recognize and report musculoskeletal disorder (MSD) signs, symptoms, and risk factors. It addresses the key components of an ergonomics program and provides information to assist both employees and employers in minimizing the risk of developing work-related MSDs. This course applies to both office and industrial settings.	Campus Community Members	Initial	Learning & Development Portal	20	EHS
Hand and Power Tool Safety	Electrically powered tools can be risky to use due to the power supply that it runs on.	Campus Community Members	Initial	Learning & Development Portal	10	EHS

Impact: Electrical Tools	Workers need to take precautions against electrical shocks.					
Hand and Power Tool Safety Impact: Pneumatic Tools	Pneumatic tools are driven by compressed air and are risky when not handled properly. These tools can have a grave physical impact on a person and are considered hazardous when not secured properly before use.	Campus Community Members	Initial	Learning & Development Portal	10	EHS
Hand and Power Tool Safety Impact: Powder-actuated Tools	Personnel need to take extreme caution when operating powder-actuated tools on a job site. They must be trained properly to avoid hazards caused by powder-actuated tools.	Campus Community Members	Initial	Learning & Development Portal	10	EHS
Heat Stress Recognition and Prevention	This course will discuss the effects of heat on your body, outline the risk factors for heat-related illnesses, and describe the associated treatments for each. This training will also explain several control measure techniques and safe work practices that you can use to prevent heat-related stresses.	Campus Community Members	Initial	Learning & Development Portal	20	EHS
Home Office: Safety Awareness 2.0	This course is designed to raise awareness about hazards that may be encountered when working in a home office environment.	Campus Community Members	Initial	Learning & Development Portal	30	EHS

	The common hazards associated with work in home offices are static work and ergonomic hazards, eye strain, and mental health effects. Other considerations include accidents and injuries such as electrical shock, slips, trips, and falls. Child safety and emergency preparedness are also factors in the home office.					
Job Hazard Analysis	This course is intended to provide information that will help improve the quality of work environments, reduce absenteeism, help maintain a healthier workforce, reduce injury and illness rates, and make workers feel good about their work. This course was specifically designed for supervisors and managers to help enhance existing techniques in job hazard analysis.	Campus Community Members	Initial	Learning & Development Portal	15	EHS
Ladder Safety 2.0	This course provides information about the safe use of portable and fixed ladders. The intent of the course is to provide the learner with information about the hazards involved with the use of ladders and control methods that will greatly reduce these	Campus Community Members	Initial	Learning & Development Portal	20	EHS

	hazards.					
Lead Awareness in General Industry	This course provides general knowledge of the hazards associated with lead exposure and requirements to reduce or eliminate exposure.	Campus Community Members	Initial	Learning & Development Portal	45	EHS
Safety Principles: Safety Awareness	Setting expectations for safe work habits and behaviors isn't enough to ensure employees buy into an organization's accident prevention program. Employees must be made fully aware as to why they must follow procedures. They must be informed of the negative outcomes that could arise from an accident, and they must understand that failing to follow procedure could carry consequences for the entire organization	Campus Community Members	Initial	Learning & Development Portal	5	EHS
Trenching and Excavation Safety	This course is designed to better inform the employee of the possible health and safety concerns unique to trenching and excavation. In this course, you'll learn about safety considerations and proper practices to reduce the hazards that may occur during excavation.	Campus Community Members	Initial	Learning & Development Portal	20	EHS