Attachment A
UNIVERSITY OF WISCONSIN - LA CROSSE

Occupational/Environmental Health and Safety
Training Course Synopsis

Aerial Lifts - Initial - Course Key Code: 1

This course consists of classroom materials and the trainee receiving a hands-on demonstration of aerial lifts. The trainee will also have to demonstrate competent use of the aerial lift to the qualified trainer. The course will introduce common hazards associated with aerial lifts and will discuss safe work practices that should always be followed.

Trainee: Any employee operating an aerial lift.

Frequency: Maintain proficiency

Course Delivery: Contact the Facilities Management Office or Environmental Health and Safety to identify the current qualified instructor. The qualified instructor uses a training package received while being certified as an aerial lift trainer by an off-site professionally led training service.

Course Length: 90-120 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.67

Learning Objectives:

- Common hazards associated with aerial lifts
- Ways to prevent these common hazards
- Safe pre-operation, operation, and maintenance practices
- How to use personal protective equipment while operating an aerial lift.
- Demonstrate hands-on competency in use of aerial lifts.

Aerial Lifts v2 - Refresher - Course Key Code: 2

This course is intended as a refresher course. The trainee should successfully pass the Aerial Lifts Initial course prior to taking this course.

Aerial lifts are frequently used to perform work in areas that cannot be accessed from the ground or from solid construction. Each year, workers die or are seriously injured when using aerial lifts. When working with an aerial lift, an awareness of hazards is a must. This course will introduce common hazards associated with aerial lifts and will discuss safe work practices that should always be followed.

Trainee: Any employee operating an aerial lift.

Frequency: Maintain proficiency

Course Delivery: http://lsms.puresafety.com

Course Length: 34 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.67

Learning Objectives:

- Common hazards associated with aerial lifts
- Ways to prevent these common hazards
- Safe pre-operation, operation, and maintenance practices

Applying Electrical Standards - Course Key Code: 3

This course will teach learners how to prepare for specific electrical hazards using regulations, specifically NFPA 70E. It is intended for people in all industries, particularly supervisors, electrical workers and safety managers. Anyone taking this course should already be familiar with electrical terms and hazards.

Trainee: Any employee involved with installing or maintaining facility electrical systems.

Frequency: Maintain proficiency

Course Delivery: http://lsms.puresafety.com

Course Length: 26 Minutes

Regulatory Basis: NFPA 70E

Learning Objectives:

- The consequences of not following electrical standards
- The OSHA and consensus standards that apply to electrical work
- NFPA 70E training requirements for qualified and unqualified workers
- Using NFPA 70E tables to determine safe approach boundaries, hazard/risk categories for specific tasks and required PPE

Asbestos Awareness – Introduction v2 - Course Key Code: 4

This course provides individuals who are not allowed to remove asbestos with an introduction to a three-part series of courses that will teach asbestos awareness and applicable federal regulations for each asbestos work classification. This course will demonstrate how to identify asbestos hazards as well as how to prevent and control asbestos.

Trainee: Any employee conducting maintenance tasks on or adjacent to equipment or facility components, with the exception of floor tile, that could reasonably disturb asbestos containing materials.

Frequency: Maintain proficiency

Course Delivery: http://lsms.puresafety.com

Course Length: 4 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1001

Learning Objectives:

- Asbestos awareness course structure
- Who the course is designed to educate

Asbestos Awareness – Part 1 v2 - Course Key Code: 5

This course is a continuation of Asbestos Awareness Introduction and will provide workers who are not allowed to remove asbestos with the knowledge and skills necessary to identify asbestos hazards, the nature of operations that could result in exposure to asbestos, and the importance of necessary protective controls. This course describes the health effects of asbestos and where it is commonly found. In addition, workers will learn ways to prevent exposure and the importance of respiratory protection.

Trainee: Any employee conducting maintenance tasks on or adjacent to equipment or facility components, with the exception of floor tile, that could reasonably disturb asbestos containing materials.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 56 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1001

Learning Objectives:

- Recognizing asbestos
- Where asbestos is commonly found
- Operations that could result in asbestos exposure
- Potential health effects of exposure to asbestos
- Common precautions and work practices to avoid exposure

Asbestos Awareness – Part 2 v2 - Course Key Code: 6

This is Part 2 of a three-part training course designed to provide workers who are not allowed to remove asbestos with the knowledge and skills necessary to identify asbestos hazards, the nature of operations that could result in exposure to asbestos, and the importance of necessary protective controls. Part 2, "Asbestos Control Measures," will outline the precautionary measures to take to reduce or eliminate asbestos exposure.

Trainee: Any employee conducting maintenance tasks on or adjacent to equipment or facility components, with the exception of floor tile, that could reasonably disturb asbestos containing materials.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 44 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1001

Learning Objectives:

- The permissible exposure limit for asbestos
- Monitoring and medical surveillance programs relating to asbestos exposure
- Proper engineering controls and work practices to reduce asbestos exposure
- Appropriate personal protective equipment
- Response procedures for asbestos releases

Asbestos Awareness – Part 3 v2 - Course Key Code: 7

This is Part 3 of a three-part training course designed to provide workers who are not allowed to remove asbestos with the knowledge and skills necessary to identify asbestos hazards, the nature of operations that could result in exposure to asbestos, and the importance of necessary protective controls. Part 3,"Respiratory Protection," will provide an overview of various types of respirators, their limitations, and how to properly put on and take off a respirator.

Trainee: Any employee conducting maintenance tasks on or adjacent to equipment or facility components, with the exception of floor tile, that could reasonably disturb asbestos containing materials.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 47 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1001

Learning Objectives:

- Basic requirements of the Respiratory Protection Standard
- Capabilities and limitations of SCBA, airline, and air-purifying respirators
- Proper maintenance practices for respirators, including inspecting, cleaning, and storing respirators
- Signs of respirator failure

Asbestos Certification - Course Key Code: 8

WI Administrative Code, DHS 159, requires certification and training for all individuals who perform or supervise an asbestos activity or asbestos management activity. An individual may be certified in one or more of the following disciplines:

- Asbestos supervisor
- Asbestos worker
- Asbestos inspector
- Asbestos management planner
- Asbestos project designer
- Exterior asbestos supervisor
- Exterior asbestos worker

Trainee: All staff designated as requiring certification in an asbestos discipline.

Frequency: Initial with annual refresher

Course Delivery: The Facilities Management Craftsworker Supervisor shall coordinate training through an appropriate certified training service.

Course Length: Initial at 3 to 5 days, annual refresher at 8 hours.

Regulatory Basis: WI Administrative Code, DHS 159

Learning Objectives:
- Objectives vary based on certification class.

Basic Rigging Principles - Part 1 v2 - Course Key Code: 9

Rigging is a process used to secure materials to be moved by cranes, hoists or other lifting equipment. There are many factors to consider when applying slings and chains to secure a load. Improper rigging can lead to dropped loads and catastrophic failure of lifting equipment, which can cost lives. This course will describe rigging equipment and how to care for, inspect and store it.

Trainee: Any employee using slings, chains, hoists, come-a-longs and similar equipment for moving or lifting tasks.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 53 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.184

Learning Objectives:
- Proper equipment used to rig a load
- Inspection and storage requirements for equipment

Basic Rigging Principles - Part 2 v2 - Course Key Code: 10

Rigging is a process used to secure materials to be moved by cranes, hoists or other lifting equipment. There are many factors to consider when applying slings and chains to secure a load. Improper rigging can lead to dropped loads and catastrophic failure of lifting equipment, which can cost lives. This course will cover the steps required to prepare for safe rigging.

Trainee: Any employee using slings, chains, hoists, come-a-longs and similar equipment for moving or lifting tasks.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 31 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.184

Learning Objectives:
- General safety rules to be observed while rigging
- Four steps required to plan a rigging job
- Planning and preparation for a safe rigging job
- How to safely mount equipment on a load

Battery and Charger Safety - Course Key Code: 11

Batteries provide electric power for equipment like forklifts, narrow-aisle trucks, airport vehicles, electric buses, autos and golf cars. When used properly, batteries are a safe and reliable source of power. As with any power source, there are some hazards. This lesson covers these hazards, including electrical shock, corrosive chemical exposure and battery handling.

Trainee: Any employee who performs any maintenance on wet-cell (i.e., lead acid) batteries.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 28 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- How a battery and charger work
- Battery handling, recharging, watering and cleaning
- Personal safe practices
- Acid spill clean-up
- Simple exterior repair

Being a Successful Team Member - Course Key Code: 12

Successful groups and teams can be efficient, productive and synergistic, providing outputs beyond what individual members alone could produce. Being part of a team can be challenging and frustrating, and therefore takes special skills and understanding. This course provides a general understanding of what it takes to be a successful member of a team.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 80 Minutes

Regulatory Basis: None

Learning Objectives:

- The importance of teams
- Elements of a successful team
- Qualities of an effective team member

Bloodborne Pathogens - Initial - Course Key Code: 13

The Occupational Safety and Health Administration require training of all personnel with occupational exposure to bloodborne pathogens. If your job duties include even occasional contact with blood or other infectious materials, you need to know how to effectively protect yourself against potential bloodborne pathogens, because understanding simple precautions can greatly minimize your chances of contracting a bloodborne disease. This initial course provides instructions on accepting or declining the employer paid hepatitis B vaccination. This course must be completed prior to online bloodborne pathogens training. This course shall also be completed prior to the employee having any potential occupational exposure to bloodborne pathogens.

Trainee: Any employee who is identified as having occupational exposure to bloodborne pathogens. Within facilities maintenance, this includes custodians and any staff required to be first-aid or CPR trained. First-aid and CPR training is currently required for electricians and others who have been trained and authorized to perform work on or associated with exposed lines or equipment energized at 50 volts or more.

Frequency: Initial

Course Delivery: Supervisor shall coordinate initial training by contacting Environmental Health and Safety.

Course Length: 45 minutes

Regulatory Basis: OSHA's 29 CFR 1910.1030

Learning Objectives:

- The three most prevalent bloodborne pathogens in the workplace
- The various modes of transmission for bloodborne pathogens
- Preventive workplace measures including safe handling procedures and safe housekeeping practices

- Appropriate emergency procedures in the event of an occupational exposure
- Offer hepatitis B vaccination

Bloodborne Pathogens v4 - Refresher - Course Key Code: 14

Occupational exposure to bloodborne pathogens can result in life-threatening viruses, including Hepatitis B, Hepatitis C and HIV. It's easy to think that it could never happen to you, but the cold, hard fact of the matter is that bloodborne pathogens are out there ... and your risk of occupational exposure may be higher than you think. The good news is that the threat of bloodborne pathogens can be greatly reduced by understanding how they're transmitted and by following preventive measures including safe handling procedures and safe housekeeping practices.

Trainee: Any employee who is identified as having occupational exposure to bloodborne pathogens. Within facilities maintenance, this includes custodians and any staff required to be first-aid or CPR trained. First-aid and CPR training is currently required for electricians and others who have been trained and authorized to perform work on or associated with exposed lines or equipment energized at 50 volts or more.

Frequency: Annual refresher

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 46 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1030

Learning Objectives:
- The three bloodborne pathogens that pose the greatest threat in the workplace
- The various sources of transmission for bloodborne pathogens
- Preventive workplace measures including safe handling procedures and safe housekeeping practices
- Appropriate emergency procedures in the event of an occupational exposure

Cardiopulmonary Resuscitation - Course Key Code: 15

Incidents requiring CPR can happen anywhere and at any time. The first response to such an incident is the most important. CPR given at the scene can improve a victim's chances of survival and recovery. This course will demonstrate how to recognize and respond to life-threatening emergencies until the Emergency Medical Services (EMS) personnel arrive.

Trainee: Electricians and others who have been trained and authorized to perform work on or associated with exposed lines or equipment energized at 50 volts or more.

Frequency: Initial with refresher every two years

Course Delivery: Supervisor shall identify all personnel requiring training and provide list to Environmental Health and Safety. Environmental Health and Safety will coordinate a training time and location with the supervisor and trainer. This training service will be a contracted, typically through the Scenic Bluffs (La Crosse) Chapter of the American Red Cross. The employee's department will be charged for this expense. In 2014 the Red Cross charged $55 per participant.

Course Length: 3 hours

Regulatory Basis: OSHA's 29 CFR 1910.269

Learning Objectives:
- How to respond to life-threatening emergencies
- Connect the Links in the Chain of Survival
- Protecting oneself while helping a person in need
- The basics of life support

Cleaning Up Small Chemical Spills - Course Key Code: 16

Spills in the workplace are almost inevitable. Because of the range and quantity of substances used in laboratories and other work areas, preplanning is needed to respond safely to chemical spills. Spills should be cleaned up only by knowledgeable and experienced staff. This training will provide the information needed to handle small chemical spills in the workplace.

Trainee: Any employee using hazardous materials. Employees are responsible for cleaning up hazardous materials only when they are familiar with the materials hazards and only up to the volume that they reasonably work with as part of their work duties.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 23 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- The definition of a small chemical spill
- Responsibilities for cleaning up small chemical spill
- What a spill kit must contain, and how to use it
- Personal protective equipment needed for cleaning small spills
- Cleanup procedures in the event of a small spill
- Special precautions to take in the event that large quantities or hazardous materials are spilled
- What to do if someone becomes contaminated during spill cleanup
- How to dispose of spilled chemicals

Confined Space Hazards - Initial - Course Key Code: 17

This training will provide an initial hands-on presentation on the procedures required to enter a confined space at the University of Wisconsin-La Crosse. All staff entering confined spaces must receive this training prior to receiving on line refresher training.

Trainee: Any employee who enters a confined space. A confined space is defined as a space that meets all the following criteria:

a) is large enough to bodily enter and perform work;
b) has limited means of entry and egress;
c) is not designed for continuous employee occupancy; and
d) has one of four hazardous characteristics (e.g., - hazardous atmosphere, engulfment, entrapment, or other safety/health hazard).

Frequency: Initial and to maintain proficiency.

Course Delivery: Supervisor shall coordinate initial training by contacting Environmental Health and Safety.

Course Length: 60 minutes

Regulatory Basis: OSHA's 29 CFR 1910.146

Learning Objectives:

- How to recognize a confined space
- Hazards associated with confined spaces
- The differences in flammable, toxic, irritant or corrosive, and asphyxiating atmospheres
- On site equipment, forms and procedures to follow when a confined space must be entered.
- Access to written policy

Confined Space Hazards v2 - Refresher - Course Key Code: 18

People are injured or killed every year as a result of improperly entering or working in a confined space. Potential hazards in confined spaces include explosions, toxins and oxygen-deficient atmospheres. More than half of the people that die in confined spaces are would-be rescuers. Because confined spaces may be encountered in virtually any occupation, workers need to be able to recognize confined spaces and understand their hazards. This training will provide that knowledge.

Trainee: Any employee who enters a confined space. A confined space is defined as a space that meets all the following criteria:

a) is large enough to bodily enter and perform work;
b) has limited means of entry and egress;
c) is not designed for continuous employee occupancy; and
d) has one of four hazardous characteristics (e.g., - hazardous atmosphere, engulfment, entrapment, or other safety/health hazard).

Frequency: With any policy change and to maintain proficiency.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 30 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.146

Learning Objectives:
- How to recognize a confined space
- Hazards associated with confined spaces
- The differences in flammable, toxic, irritant or corrosive, and asphyxiating atmospheres
- Review UW-L policy

Diet and Exercise v2 - Course Key Code: 19

Poor diet and physical inactivity lead to more than 100,000 deaths each year in the United States. People who are overweight or obese increase their risk for heart disease, diabetes, stroke, high blood pressure, arthritis-related disabilities, and some cancers. This course presents information that will help improve your personal health, avoid illness and help prevent diseases associated with poor diet and physical inactivity.

Trainee: As desired by supervisor or as requested by employee.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 54 Minutes

Regulatory Basis: None

Learning Objectives:
- Basics of nutrition and health
- Types of diets
- Food groups, fat and sugar
- How to make good choices for diet and exercise

Diversity – Valuing Differences v2 - Course Key Code: 20

Diversity continues to play an important part in the workplace. As awareness of diversity has spread, its meaning has expanded. It's become obvious that understanding what diversity means, and why it's important at work, is just as important to employees as it is to managers.

Trainee: As desired by supervisor or as requested by employee.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 38 Minutes

Regulatory Basis: None

Learning Objectives:
- Describe what diversity means today and how that definition has changed
- Explain the difference between intent and behavior in the workplace
- Describe how "Emotional Intelligence" affects the work environment
- Explain four ways an employee can support a workplace of inclusion
- List the four generations in today's workforce and explain how they are different
- Apply change management strategies to help support diversity in the workplace

Electrical Safety and Lockout/Tagout v2 - Course Key Code: 21

Working with electricity can be dangerous. Every year, between 300 and 500 people in the U.S. are killed by electrocutions at work. To handle electricity safely, you need to know how it acts, how it can be controlled, and its hazards. Workers performing service or maintenance on machinery and equipment may be injured by the unexpected startup of the machinery or equipment, or release of stored electrical energy in the equipment. In fact, failure to lock out machinery before working on it is a major cause of injury and death in the United States. These deaths and injuries can be prevented by establishing and following an effective lockout/tagout program. This training will tell you more about electrical hazards, safe practices when working with electricity, and the lockout/tagout program and how it can save your life.

Trainee: Any employee involved with installing or maintaining facility electrical systems.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com. Prior to taking this course all trainees should receive Lockout/Tagout Initial training.

Course Length: 56 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.332

Learning Objectives:

- How electricity works
- Conductors and insulators
- How electric shock occurs
- Safe practices for working with and around electricity
- The purpose of lockout/tagout
- Who is covered and what activities are covered by the lockout/tagout standard
- Elements of an Energy Control Program
- Types of lockout/tagout devices
- Who is required to lockout or tagout
- Steps for attaching and removing locks and tags
- Periodic inspections of lockout/tagout

Environmental Awareness - Course Key Code: 22

This course promotes working in an environmentally responsible manner and in compliance with all applicable environmental laws and regulations. The course provides a site specific understanding of actions to be taken during our daily work activities to protect the environment. This course will be customized for the work group.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Conducted by Environmental Health and Safety. Supervisor shall coordinate training by contacting Environmental Health and Safety.

Course Length: 30 - 60 minutes

Regulatory Basis: Various U.S. Environmental Protection Agency and WI Department of Natural Resources

Learning Objectives:

- Environmental laws and best management practices
- Hazardous waste / non-hazardous waste
- Storm water
- Stationary storage tank management/Spill Prevention Control and Countermeasures Plan
- Used oil
- Universal/Special waste

Environmental Overview - Course Key Code: 23

This course provides a general understanding of how our daily work activities can potentially alter environmental balances. By being more aware of this, we can act responsibly to protect our communities, our air, water, land and ourselves.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 21 minutes

Regulatory Basis: Various U.S. Environmental Protection Agency and WI Department of Natural Resources

Learning Objectives:

- Environmental safety and health policy
- Environmental protection laws
- The individual's role in protecting the environment
- How job performance affects the environment
- Improving environmental performance

Ergonomics for Heavy Equipment - Course Key Code: 24

Working with heavy equipment can be physically demanding, requiring lifting, pushing, pulling, and handling heavy loads. Some tasks may be repetitive and require extended standing or sitting. Each person has physical limits or a “comfort zone” of activities that he or she can tolerate without developing lingering symptoms. Preventing work-related musculoskeletal problems rests on an ergonomically sound work environment, good work practices, and employee awareness. This course will introduce common risk factors and methods to prevent musculoskeletal injury when working with heavy equipment.

Trainee: Any employee who lifts, pushes, pulls or handles heavy loads, equipment or objects.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 40 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- MSD Signs and Symptoms
- Ergonomics Program
- Reporting Signs and Symptoms
- Risk Factors
- Prevention Strategies

Fall Protection v3 - Course Key Code: 25

Each year, many workers are hurt or killed as a result of falls in the workplace. Falls are usually complex events that involve a variety of factors. For that reason, OSHA's fall protection standard deals with both human- and equipment-related issues for protecting workers from fall hazards. This training will cover systems and procedures designed to prevent falls off, onto or through working levels and to protect workers from being struck by falling objects.

Trainee: Any employee who works on or around scaffolds or other equipment or operational areas in which there could be an unguarded drop of greater than 4 feet.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 54 Minutes

Regulatory Basis: OSHA’s 29 CFR 1926.503

Learning Objectives:

- When fall protection is required
- Types of required fall protection

- What your employer must do to protect you from fall hazards at work
- What kinds of fall protection can be used for different job tasks

Fire Extinguisher Safety v2 - Course Key Code: 26

A fire is the most common type of emergency for which organizations must plan. Small fires can often be put out quickly by a well-trained employee with a portable fire extinguisher. However, to do this safely, those employees must understand the uses and limitations of a portable fire extinguisher and the hazards associated with fighting fires. This training will provide that knowledge.

Trainee: All employees who perform welding, cutting or brazing or are designated as the fire watch for such operations.

Frequency: Annual

Course Delivery: Online at http://lsms.puresafety.com. As desired, a supervisor can contact Environmental Health and Safety to coordinate a hands-on use of a fire extinguisher.

Course Length: 40 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.157

Learning Objectives:
- How to decide whether to fight or flee a fire
- Types of fire extinguishers and the types of fires for which they can be used
- Steps for using a fire extinguisher to fight a fire
- How to inspect and maintain fire extinguishers

Fire Prevention v2 - Course Key Code: 27

Every year in the United States, fires cause huge losses. There are approximately 1 million fires in buildings and other structures, causing about 8,000 deaths each year. The total annual property loss is about $7 billion, not counting indirect costs such as litigation and investigations. Workplace fires and explosions kill 200 and injure more than 5,000 workers each year. However, many if not most of these fires are preventable. This training focuses on how to prevent and protect against workplace fires.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 43 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Causes of Fires
- Fire Codes and Standards
- Fire Prevention Plan
- Fire Protection

Fire Watch - Course Key Code: 28

Every year, many workplace fires occur as a result of hot work – cutting, welding and other work that generates heat and sparks – being done without an adequate fire watch in place. Most – if not all – hot work incidents are completely preventable. A fire watch, conducted properly, is one of the most important ways to keep workers safe during hot work and prevent damage and destruction to property. This course covers the role and responsibilities of the fire watcher.

Trainee: Any employee who works or is assigned as the fire watch for operations with open flames or other work that generates heat and sparks, including but not limited to cutting, welding and brazing. A fire watch must receive fire extinguisher training annually. A fire watch is required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist.
- Appreciable combustible material, in building construction or contents, closer than 35 feet to the point of operation.
- Appreciable combustibles are more than 35 feet away but are easily ignited by sparks.

- Wall or floor openings within a 35-foot radius expose combustible material in adjacent areas including concealed spaces in walls or floors.
- Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 32 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.252

Learning Objectives:
- Where hot work is – and is not – permitted
- The safety precautions needed to prepare an area for hot work
- The role and responsibilities of a fire watcher
- Responsibilities of other individuals involved in hot work
- What emergency procedures need to be in place for hot work

First Aid – Basics v2 - Course Key Code: 29

Incidents requiring first aid can happen anywhere and at any time. The first response to such an incident is the most important. First aid given at the scene can improve a victim's chances of survival and recovery. This course presents ways to respond to basic first aid situations until the Emergency Medical Services (EMS) personnel arrive.

Trainee: Electricians and others who have been trained and authorized to perform work on or associated with exposed lines or equipment energized at 50 volts or more.

Frequency: Initial with refresher every two years

Course Delivery: Online at http://lsms.puresafety.com The La Crosse American Red Cross can conduct this course along with the cardiopulmonary resuscitation (CPR) course. See the CPR course for additional detail.

Course Length: 50 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.269

Learning Objectives:
- Basic first aid techniques for the treatment of:
- Breathing emergencies
- Choking
- Severe bleeding
- Shock
- Fractures
- Sprains and strains
- Burns

Hand and Power Tool Safety v2 - Course Key Code: 30

This presentation focuses on the importance of hand and power tool safety and the precautions needed to work safely with these tools. Increasing your knowledge about these topics will help reduce the risk of injury when working with tools.

Trainee: Any employee who works with hand and power tools.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 29 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Facts about injuries from hand and power tools
- Hazards associated with hand tools
- Precautions for using hand tools
- Hazards associated with power tools
- Precautions for using power tools

Hand and Power Tool Safety for Construction - Course Key Code: 31

This presentation focuses on the importance of hand and power tool safety and the precautions needed to work safely with these tools. Increasing your knowledge about these topics will help reduce the risk of injury when working with tools during construction work.

Trainee: Any employee who works with hand and power tools.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 29 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Facts about injuries from hand and power tools
- Hazards associated with hand tools
- Precautions for using hand tools
- Hazards associated with power tools
- Precautions for using power tools

Hand, Wrist and Finger Safety v2 - Course Key Code: 32

Your hands and wrists help you do a remarkable variety of tasks. You use your hands all day, every day, both at home and at work and this makes them highly prone to accidents and injuries. Throughout the day, our hands can encounter any number of hazards. Hand and wrist injuries can be accompanied by initial pain, but also may require prolonged recovery, including long hours of physical rehabilitation. Fortunately, these injuries are preventable. This course will present potential hand, wrist and finger hazards, as well as the steps to take to avoid them.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 30 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Common injuries
- Identifying potential hazards
- Ergonomic factors
- PPE for the hands, wrists and fingers

Hazard Communication v3 - Course Key Code: 33

Workers are exposed to hazardous chemical products every day; this poses serious problems for exposed workers and their employers. Hazard Communication (HazCom) training is designed to provide workers with the information they need to recognize and avoid hazardous chemicals. This course will introduce learners to everything from the content of the HazCom Standard to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) to how to use Safety Data Sheets (SDSs) and chemical labels to prepare for hazards or react to exposures.

Trainee: Every employee who uses a hazardous material that poses a physical or health hazard.

Frequency: Initial and with any policy change. Repeat to maintain proficiency.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 40 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.1200

Learning Objectives:

- State the purpose of the HazCom Standard
- Recognize who is covered by the HazCom Standard
- State the four basic parts of the HazCom Standard
- State the purpose of the Globally Harmonized System (GHS)
- Explain how the GHS aligns with the HazCom Standard
- Identify physical and health hazards of chemicals
- List what items should be included in a hazardous chemical inventory
- Recognize what should be included in the written hazard communication program
- Recognize the information contained in a Safety Data Sheet (SDS) and how it is used and maintained in the workplace
- Identify where and how hazard warning labels must be used
- List the elements of the HazCom Standard training program

Hearing Conservation v2 - Course Key Code: 34

Every year, approximately 30 million people in the U.S. are exposed to hazardous noise on the job. Damage to your hearing caused by hazardous noise exposure is PERMANENT. The good news is that noise-induced hearing loss is fully preventable. This course will introduce the requirements of your employer's hearing conservation program and will describe how you and your employer can work together to prevent hearing loss.

Trainee: Training is required whenever employee noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 85 decibels measured on the A scale. UW-L is not known to have employees at or exceeding this threshold. However, some employees working around noisy equipment will benefit from the training. Such employee's include, but are not limited to heating plant staff, landscape services staff and mason.

Frequency: Maintain proficiency. Training shall be annual if supervisor is informed that employee must be included in a written Hearing Conservation Program.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 31 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.95

Learning Objectives:

- The effects of noise on hearing
- The major components of the hearing conservation program
- Advantages and disadvantages of various types of hearing protectors
- The use and care of hearing protection
- The purpose of audiometric testing and an explanation of the testing procedures

Heat Stress v2 - Course Key Code: 35

You may be exposed to heat during the course of your job. You may work around hot equipment or outside on hot days. Or maybe you work in a foundry, mine, bakery, or any other hot or humid environment. The key to preventing excessive heat stress is knowing the hazards of working in heat and the benefits of implementing proper controls and work practices. You'll learn about all of these in this training. You'll learn about all of these in this training.

Trainee: Every employee who works in a hot and/or humid environment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 33 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- How the body handles heat
- The most common safety problems associated with heat
- Symptoms of the common health problems associated with exposure to heat and how to treat them
- Ways to reduce the likelihood of heat stress
- Special considerations to keep in mind when working in hot environments
- Benefits of a written heat illness program

Hot Work - Course Key Code: 36

The OSHA standards lay out precautions for hot work and reference the NFPA (National Fire Protection Association) 51B Standard titled Fire Prevention During Welding, Cutting and Other Hot Work. This course is based on the OSHA standards and NFPA code.

Trainee: Any employee who works with open flames or other work that generates heat and sparks from, including but not limited to cutting, welding and similar activities.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 44 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.252

Learning Objectives:

- Where hot work is – and is not – permitted
- How to prepare an area for hot work and the safety precautions needed
- The responsibilities of individuals involved in hot work
- How a hot work permit is used
- What emergency procedures need to be in place for hot work

Housekeeping on the Job - Course Key Code: 37

Good housekeeping makes your job easier, more efficient and not to mention - safer. This training provides key information to eliminating and controlling clutter, chemicals and other hazards when practicing good housekeeping on the job.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 45 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Effects and benefits of housekeeping practices
- Elements of a good housekeeping program
- Common housekeeping tasks

Human Element - Course Key Code: 38

So, how do we make good decisions? Knowledge alone doesn't guarantee good decisions. That driver may have run that red light knowing there was a chance someone would get hurt, but he did it anyway. Why might that have happened? What might have affected his decision? The answers to these questions are going to be explored as we try to gain an understanding of the human element in safety.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 55 Minutes

Regulatory Basis: None

Learning Objectives:

- How experience can have positive and negative effects on safety
- Attributes, weaknesses and recommendations for the three safety personality types
- Factors that affect our good judgment
- The effects of stress and fatigue and recommendations for their reduction
- Ways to determine job readiness
- Key points for giving and receiving feedback in your interactions with others on your team

Industrial Ergonomics - Course Key Code: 39

Jobs in an industrial environment can be physically demanding. Preventing work-related musculoskeletal problems rests on an ergonomically sound work environment, good work practices and employee awareness. This course will introduce common risk factors and methods to prevent musculoskeletal injury.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 36 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Signs and symptoms of musculoskeletal disorders
- Workplace factors contributing to musculoskeletal disorders
- Strategies to reduce and prevent musculoskeletal disorders

Infectious Materials Transportation - Course Key Code: 40

Poor management of infectious materials in transportation can lead to disaster. The potential hazards posed by the transportation of infectious or potentially infectious materials are controlled through regulations that impose classification, packaging, marking, labeling, documentation and other requirements on shippers and carriers. This training covers the regulations in detail.

Trainee: All employees (typically HSC custodians) who package, assist in packaging, or sign shipping papers for infectious waste to be transported off site.

Frequency: Every 2 years

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 64 Minutes

Regulatory Basis: 49 CFR, Part 172, Subpart H

Learning Objectives:

- Identification of infectious materials
- Ground, air and mail transportation requirements for infectious materials
- Classification, packaging, marking, labeling and documentation requirements for infectious materials

Ladder Safety v2 - Course Key Code: 41

All employees who may use ladders need to know how to use them safely to prevent injury or death. This program covers the consequences of unsafe ladder use, the types of ladders and when and how to use each type, and ladder safety, inspection and storage.

Trainee: All employees who use ladders or step stools

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 47 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Using different types of ladders
- Do's and don'ts of ladder safety
- Ladder inspection and storage
- Consequences of unsafe ladder use

Lockout/Tagout - Initial - Course Key Code: 42

This course is designed to explain the Lockout/Tagout policy and its implementation at UW-L. This course provides a review of requirements of the UW-L written lockout/tagout policy and actions necessary to prevent the unexpected energization or start of machines or equipment, or release of stored energy during servicing or maintenance. Lockout/tagout applies to any source of electrical, mechanical, hydraulic, pneumatic, chemical, thermal, or other energy.

Trainee: All employees who perform maintenance on machines or equipment that could release energy and cause injury or death.

Frequency: Training is required at time of employment and prior to completing any work requiring lockout/tagout.

Course Delivery: Supervisor shall coordinate initial training by contacting Environmental Health and Safety.

Course Length: 60 minutes

Regulatory Basis: OSHA's 29 CFR 1910.147

Learning Objectives:
- Purpose of lockout/tagout
- UW-L Energy Control Program
- Types of lockout/tagout devices
- How to complete lockout/tagout process
- Lockout/tagout inspections

Lockout/Tagout v3 - Refresher - Course Key Code: 43

Failure to lock out machinery before working on it is a major cause of injury and death in the United States. These deaths and injuries can be prevented by establishing and following an effective lockout/tagout program.

Trainee: All employees who perform maintenance on machines or equipment that could release energy and cause injury or death. Employees shall receive hands-on Lockout/Tagout Initial training prior to completing this on-line refresher.

Frequency: Refresher training shall be provided for all whenever there is a change in their job assignments, a change in machines, equipment or processes that present a new hazard, or when there is a change in the energy control procedures. Additional retraining shall also be conducted whenever a periodic supervisory or management inspection reveals, or whenever the supervisor has reason to believe that there are deviations from or inadequacies in the employee's knowledge or use of the energy control procedures.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 46 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.147

Learning Objectives:
- Lockout/tagout standard
- Energy Control Program
- Types of lockout/tagout devices
- Lockout/tagout responsibilities
- Lockout/tagout inspections and training requirements

Materials Handling and Storing v2 - Course Key Code: 44

Nobody wants to be in an accident on the job. This is why you need to be aware and take the proper precautions when performing your job functions each day. But, there are a large number of people who forget to safely move, handle and store materials they work with every day, because the task may seem ordinary to them, not something they really need to be concerned with. In spite of this perception (or perhaps because of it) there are hundreds of thousands of materials handling accidents every year, ranging from small splinters, cuts or scrapes, to crushed fingers, hands and feet – even deaths.

Trainee: All employees who move/transport materials, equipment or any other item.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 55 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Potential Hazards
- Methods of Prevention
- Moving, Handling, and Storing Materials
- Using Materials-Handling Equipment
- Ergonomic Safety and Health Principles

Personal Protective Equipment (PPE) Overview v2 - Course Key Code: 45

Workplaces can be very dangerous and unpredictable places with loud noises, falling objects, flying sparks, toxic chemicals, whirling blades and belts, you name it. So what's one way to keep yourself safe? By wearing personal protective equipment, commonly known as PPE, you can protect yourself against hazards and reduce your chances of getting hurt - or even killed. This course provides a broad overview of the types of PPE the employee could have to use to perform their job safely.

Trainee: All employees. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 52 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132

Learning Objectives:
- Identify different types of PPE
- Select the appropriate PPE for the hazards present
- Recognize the principles of proper PPE use, care and maintenance

Personal Protective Equipment (PPE) Part 01 – Introduction v2 - Course Key Code: 46

This course introduces the 10-part training suite on personal protective equipment (PPE). In this introduction, you'll learn about OSHA's PPE standard and how employers determine PPE requirements.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 13 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132

Learning Objectives:
- OSHA's PPE standard
- Hazard assessment
- Engineering, work practice and administrative controls

Personal Protective Equipment (PPE) Part 02 - Head Protection v2 - Course Key Code: 47

Head injuries can turn fatal. Therefore, it's important to be aware of potential hazards and always wear the proper head protection. This course presents head protection basics guiding you on selecting the right class of protection.
Employees shall wear a protective helmet when working in areas where there is a potential for injury to the head from falling objects or from electrical shock when near exposed electrical conductors which could contact the head.

Trainee: All employees who require head protection. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 13 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132 and 29 CFR 1910.135

Learning Objectives:
- Head protection basics
- Types of head protection
- Care and maintenance of head protection

Personal Protective Equipment (PPE) Part 03 - Eye and Face Protection v2 - Course Key Code: 48

You increase your risk of eye and face injuries when you don't wear personal protective equipment (PPE) or select the right kind of protection for the hazard. Learn how to select hazard-specific eye and face protection in this course.
Employees must use appropriate eye or face protection when exposed to eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation.

Trainee: All employees who require eye and face protection. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 17 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132 and 29 CFR 1910.133

Learning Objectives:
- Regulatory requirements for eye and face protection
- Types of eye and face protection
- Optical radiation
- Selecting, wearing and maintaining eye and face protection

Personal Protective Equipment (PPE) Part 04 - Hand and Arm Protection v2 - Course Key Code: 49

When engineering, work practice or administrative controls do not eliminate hand and arm hazards, you must wear the appropriate type of protection. This portion of the Personal Protective Equipment (PPE) training suite helps you guard against hand and arm injuries. Employees must use appropriate hand protection when hands are exposed to hazards such as those from skin absorption of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns; thermal burns; and harmful temperature extremes.

Trainee: All employees who require hand and arm protection. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 15 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132 and 29 CFR 1910.138

Learning Objectives:
- Hand and arm hazards
- Types of hand and arm protection
- Selecting, wearing and maintaining hand and arm protection

Personal Protective Equipment (PPE) Part 05 - Body Protection v2 - Course Key Code: 50

Body protection is available to protect you against specific hazards. Learn more about hazard-specific body protection in this portion of the Personal Protective Equipment (PPE) training suite. Employees must use appropriate body protection when the body/clothing is exposed to hazards such as, but not limited to: asbestos, while spraying paint or other chemicals, tree-trimming or sand-blasting.

Trainee: All employees who require body protection. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 11 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132

Learning Objectives:
- Body hazards
- Types of body protection
- Selecting hazard-specific body protection
- Care and maintenance of body protection

Personal Protective Equipment (PPE) Part 06 - Foot and Leg Protection v2 - Course Key Code: 51

Think about it – how would your job change if you had a foot injury? Doesn't it make sense to wear foot protection when you need it? This course examines types of foot and leg protection. Employees must use protective footwear and legwear when working in areas where there is a danger of injuries due to falling or rolling objects, or objects piercing the sole, and where such employee's feet or legs are exposed to electrical hazards.

Trainee: All employees who require foot or leg protection. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 17 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132 and 29 CFR 1910.136

Learning Objectives:
- Foot and let hazards
- Types of foot and leg protection
- Foot protection selection, inspection and maintenance

Personal Protective Equipment (PPE) Part 07 - Hearing Conservation v2 - Course Key Code: 52

Protection against excessive noise exposure is the only way to avoid permanent hearing damage. In this course, you'll learn about types of hearing protection as well as how to select, wear and maintain hearing protection. Employees are encouraged to wear hearing protective devices when working in an area with high noise.

Trainee: All employees who desire or are instructed to use hearing protection. Hearing protection shall be worn when engineering or administrative controls cannot reduce noise exposures to below 85 decibels over an 8-hour time-weighted average (TWA). UW-L does not exceed the TWA. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 14 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.95

Learning Objectives:
- Types of noise
- Types of hearing protection
- Selecting, wearing and maintaining hearing protection

Personal Protective Equipment (PPE) Part 08 - Respiratory Protection v2 - Course Key Code: 53

Hazardous materials can enter your body by ingestion, absorption or inhalation. Proper respirator usage can protect you from inhalation hazards. Learn more about respiratory protection in this portion of the Personal Protective Equipment (PPE) training suite. This course shall only be assigned for knowledge purposes. Any employee desiring for comfort purposes or required to wear a respirator must complete Respiratory Protection–Comfort or Respiratory Protection-Initial Training.

Trainee: Any employee desiring to learn more about proper use of respiratory protection. If an employee or supervisor desires to use a respirator contact Environmental Health and Safety for assistance in selection and other compliance requirements.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 14 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.134

Learning Objectives:
- Respiratory hazards
- Types of respiratory protection
- Care and maintenance of respirators

Personal Protective Equipment (PPE) Part 09 - Electrical Protective Devices v2

Course Key Code: 54

When working around electricity you always follow proper safety precautions and choose the right tools for the job. This includes wearing the right type of personal protective equipment (PPE). This portion of the PPE training suite explores the types of electrical protective devices as well as their classes and ratings.

Trainee: All employees who work on electrical equipment operating at 50 volts or more to ground and are at risk for electrical shock that is not reduced to a safe level by the electrical installation requirements established by the NEC and OSHA. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 16 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.137 and 29 CFR 1910.332

Learning Objectives:

- Electrical hazards
- Types of electrical protective devices
- Electrical PPE requirements
- PPE maintenance and inspection
- Repairing and storing electrical PPE

Personal Protective Equipment (PPE) Part 10 - Selection Factors and Levels of Protection v2

Course Key Code: 55

When faced with hazards, you must select the appropriate level of protection based on the severity of the hazard. This course examines personal protective equipment (PPE) selection factors and levels of protection.

Trainee: All lead-workers and supervisors who select or identify personal protective equipment to be worn by their staff. The supervisor is responsible for completing a hazard assessment to determine when and the type of protective equipment to be worn by their employees. Supervisors can contact Environmental Health and Safety for assistance with completing the hazard assessment.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 16 Minutes

Regulatory Basis: OSHA's 29 CFR 1910.132

Learning Objectives:

- PPE selection factors
- PPE levels of protection
- PPE applicable to each level of protection

Powered Industrial Trucks (PIT) – Hands on Proficiency - Course Key Code: 56

This training course must be successfully completed prior operating a PIT. The following three prerequisite courses must be completed before receiving this training and being certified to operate a PIT: PIT Part 1 – Introduction to Pre-Operation Procedures, PIT Part 2 – Pre-Operation Inspection and Maintenance, and PIT Part 3 – Stability and Handling Loads. The course will require the trainee to demonstrate PIT proficiency.

Trainee: All employees who operate PIT's.

Frequency: Refresher training to maintain proficiency or when the operator is observed operating in an unsafe manner or is involved in an accident or near-miss incident. An evaluation of each powered industrial truck operator's hands-on performance shall be conducted at least once every three years.

Course Delivery: Supervisor should coordinate hands-on proficiency training to be provided by Campus Automotive Technician, Campus Stores staff and/or another qualified trainer.

Course Length: 30 minutes

Regulatory Basis: OSHA's 29 CFR 1910.178

Learning Objectives:

- Operating instructions, warnings, and precautions
- Truck controls and instrumentation: where they are located, what they do, and how they work
- Hands- on skill demonstration
- Fork and attachment adaptation, operation, and use limitations
- Vehicle capacity
- Vehicle stability
- Operating limitations

Powered Industrial Trucks (PIT) Part 1 – Introduction to Pre-Operation Procedures v2

Course Key Code: 57

Powered industrial trucks like forklifts, motorized pallet jacks, tuggers, tow motors and other powered equipment are used every day to lift and move equipment or materials. According to the U.S. Bureau of Labor Statistics, every year powered industrial trucks are involved in approximately 68,400 accidents, 34,000 injuries and 85 fatalities. Because of this high risk of injury and even death while operating a powered industrial truck, OSHA regulates their operation. This course covers OSHA-required information that needs to be communicated to operators during the classroom portion of their training. Module 1 covers the basics of powered industrial trucks and their safe operation.

Trainee: All employees who operate PIT's.

Frequency: Initial training with refresher training to maintain proficiency or when the operator is observed operating in an unsafe manner or is involved in an accident or near-miss incident.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 35 minutes

Regulatory Basis: OSHA's 29 CFR 1910.178

Learning Objectives:

- What a powered industrial truck is
- Classes of powered industrial trucks
- Types of powered industrial trucks
- Data plates and markings
- The equipment history file
- Operator responsibilities
- Pre-operation safety
- Traveling
- Stopping and end-of-shift considerations

Powered Industrial Trucks (PIT) Part 2 – Pre-Operation Inspection and Maintenance v2

Course Key Code: 58

Powered industrial trucks like forklifts, motorized pallet jacks, tuggers, tow motors and other powered equipment are used every day to lift and move equipment or materials. According to the U.S. Bureau of Labor Statistics, every year powered industrial trucks are involved in approximately 68,400 accidents, 34,000 injuries and 85 fatalities. Because of this high risk of injury and even death while operating a powered industrial truck, OSHA regulates their operation. This course covers OSHA-required information that needs to be communicated to operators during the classroom portion of their training. Module 2 covers pre-use inspections, maintenance and refueling/recharging.

Trainee: All employees who operate PIT's.

Frequency: Initial training with refresher training to maintain proficiency or when the operator is observed operating in an unsafe manner or is involved in an accident or near-miss incident.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 36 minutes

Regulatory Basis: OSHA's 29 CFR 1910.178

Learning Objectives:

- Pre-use inspections
- Maintenance in general
- Refueling
- Changing and charging batteries

Powered Industrial Trucks (PIT) Part 3 – Stability and Handling Loads v2 - Course Key Code: 59

Powered industrial trucks like forklifts, motorized pallet jacks, tuggers, tow motors and other powered equipment are used every day to lift and move equipment or materials. According to the U.S. Bureau of Labor Statistics, every year powered industrial trucks are involved in approximately 68,400 accidents, 34,000 injuries and 85 fatalities. Because of this high risk of injury and even death while operating a powered industrial truck, OSHA regulates their operation. This course covers OSHA-required information that needs to be communicated to operators during the classroom portion of their training. Module 3 covers stability and safe load handling.

Trainee: All employees who operate PIT's.

Frequency: Initial training with refresher training to maintain proficiency or when the operator is observed operating in an unsafe manner or is involved in an accident or near-miss incident.

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 28 minutes

Regulatory Basis: OSHA's 29 CFR 1910.178

Learning Objectives:

- Powered industrial truck stability
- How lifts differ from automobiles
- Movement
- Line of action
- Handling loads
- Picking up
- Traveling
- Placing

Pressure Vessel Safety - Course Key Code: 60

We use pressure vessels in a variety of residential and industrial applications. Yet we must respect the dangers associated with them. The release of stored or potential energy and hazardous materials can cause personal injury, loss of life and catastrophic property damage. In this course, you'll explore how pressure vessels are categorized and regulated, what safety measures you can take to stay safe and prevent pressure vessel failures, and what to look for when visually inspecting pressure vessels.

A pressure vessel is generally defined as a cylindrical or spherical metal container capable of withstanding pressures exerted by the material enclosed. Pressure vessels are important because many liquids and gases must be stored under high pressure. Most pressure vessels are required to carry only low pressures and thus are constructed of tubes and sheets rolled to form cylinders. Some pressure vessels must carry high pressures, however, and the thickness of the vessel walls must increase in order to provide adequate strength. Hydraulic and pneumatic cylinders are machine elements that are forms of pressure vessels.

Trainee: All employees who use pressure vessels.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 30 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Pressure vessel overview
- Personal safety
- Safety procedures
- Safety devices
- Inspections

Preventing and Addressing Electrical Violations - Course Key Code: 61

This course focuses on how to troubleshoot electrical hazard issues. It is intended for all employees and has particular value for electricians and safety managers.

Trainee: All employees who maintain, repair, or install electrical equipment or systems.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 30 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Recall safe work practices regarding electrical hazards
- Recognize potential electrical violations in the work environment
- Identify how to correct electrical violations

Preventing Back Injury v4 - Course Key Code: 62

Have you ever had a sharp pain in your back? In addition to being painful, back ailments can be debilitating and may prevent you from working. This course helps you understand how the back works and what you can do to prevent back injuries.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 37 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- How the back works
- Types of back injuries
- Risk factors and causes of back injuries
- Preventing back injuries

Recognizing Electrical Hazards - Course Key Code: 63

This course explains how and why electricity is dangerous so that employees may recognize when hazards are present. It is intended for workers in all industries.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 22 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Recall how electricity works
- Define key electrical terms
- Recognize why electrical incidents occur
- Recall the dangers associated with electrical hazards

Respiratory Protection – Comfort - Course Key Code: 64

Engineering and administrative controls shall be used to keep airborne contamination below OSHA workplace air quality limits. When all other reasonable actions are taken, and the employee desires to use a respirator with supervisor approval, the employee shall receive respirator for comfort training prior to use of an approved respirator.

The voluntary use of respirators does not require medical evaluation.

Trainee: All employees who voluntarily desire to wear respiratory protective devices.

Frequency: Comfort respirator users must receive initial training and retraining if respirator style or use conditions change.

Course Delivery: Supervisor shall coordinate initial and refresher training by contacting Environmental Health and Safety.

Course Length: 15 minutes

Regulatory Basis: OSHA's 29 CFR 1910.134, Appendix D

Learning Objectives:

- When and where comfort respirators can be used
- Respirator limitations
- Care and maintenance of respirators
- Fit testing

Respiratory Protection – Annual - Course Key Code: 65

Proper respirator selection and use can protect employees from inhalation hazards caused by breathing air contaminated with harmful dusts, fogs, fumes, mists, gases, smokes, sprays, or vapors. Engineering and administrative controls shall be used to keep airborne contamination below OSHA workplace air quality limits. When these controls are not feasible or effective or while they are being instituted, appropriate respirators shall be used. Medical evaluations shall be completed prior to training.

Trainee: All employees who are required to wear respiratory protective devices. These individuals include, but are not limited to: 1.) staff certified by the State of WI to complete asbestos work, and 2.) heating plant staff using airline respirator during interior boiler cleaning tasks.

The supervisor is responsible for contacting the Environmental Health and Safety office to conduct a hazard assessment and select the required type of respiratory protection.

Frequency: Annual refresher or more frequently to maintain proficiency.

Course Delivery: Supervisor shall coordinate initial and refresher training by contacting Environmental Health and Safety. Annual hands-on training can be supplemented with online training at http://lsms.puresafety.com. The online supplement is titled "Personal Protective Equipment (PPE) Part 08 - Respiratory Protection".

Course Length: 45 minutes

Regulatory Basis: OSHA's 29 CFR 1910.134

Learning Objectives:

- Respiratory hazards
- Types of respiratory protection
- Care and maintenance of respirators
- Fit testing
- Respirator limitations

Safety Orientation v2 - Course Key Code: 66

This employee safety program is much more than an examination of set rules. It is a common sense approach to training employees in order to prevent injuries and illness.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 32 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- Safety philosophies and policies
- Hazardous materials in the workplace
- Safety rules and signs
- Safety tools and equipment
- Reporting safety incidents

Spill Prevention, Control and Countermeasures (SPCC) - Initial - Course Key Code: 67

The SPCC regulation was developed to prevent oil releases at facilities. All employees must be familiar with their responsibilities to prevent and respond to oil releases. Per the SPCC regulations oil is defined as "oil of any kind or in any form, including (but not limited to): fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and other oils and greases, including petroleum, fuel oil, sludge synthetic oils, mineral oils, oil refuse, or oil mixed with waste other than dredged spoil." This definition clarifies that the Oil SPCC rules are not limited to petroleum-based oil products. For example, "oil" includes virgin cooking oils and waste kitchen grease that are used/generated in campus dining halls. The definition also includes hydraulic, lubricating, and mineral oils.

Trainee: Any employee involved in oil handling, transfer, storage, spill response or maintenance of oil equipment must participate in a SPCC training program. The operation must equal or exceed a 55-gallon quantity. The employee handling the oil does not necessarily need to be handling a quantity exceeding 55- gallons. For instance, an employee transferring a two gallon quantity of waste oil into a 55-gallon drum of waste oil would need to receive SPCC training.

Frequency: All employees should initially take the Environmental Awareness course. SPCC training is required annually and can be conducted on-line or through repeating the Environmental Awareness course.

Course Delivery: Conducted by Environmental Health and Safety. Supervisor shall coordinate training by contacting Environmental Health and Safety.

Course Length: 30 minutes

Regulatory Basis: Environmental Protection Agency, 40 CFR Part 112

Learning Objectives:
- SPCC requirements
- Spill prevention
- Waste and drum handling
- Understanding UW-L's written program

Spill Prevention, Control and Countermeasures (SPCC) - Refresher - Course Key Code: 68

The SPCC regulation was developed to prevent oil releases at facilities. Any employee involved in oil handling, transfer, storage, spill response or maintenance of oil equipment must participate in a SPCC training program. This course gives such employees a general overview of SPCC requirements.

This course is intended as a refresher course. The trainee should successfully pass the Spill Prevention, Control and Countermeasures (SPCC) - Initial course prior to taking this course.

Trainee: Any employee involved in oil handling, transfer, storage, spill response or maintenance of oil equipment must participate in a SPCC training program.

Frequency: Annual

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 26 Minutes

Regulatory Basis: Environmental Protection Agency, 40 CFR Part 112

Learning Objectives:
- SPCC requirements
- Spill prevention
- Waste and drum handling

Storm Water Pollution Prevention v2 - Course Key Code: 69

Federal and State law requires UW-L to regulate stormwater in order to reduce the pollution of rivers and lakes. Identifying sources of storm water pollution and keeping them from coming in contact with runoff is one of the best and most economical ways of protecting the quality of our waters. This course presents best management practices to prevent stormwater pollution.

Trainee: All employees

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 36 minutes

Regulatory Basis: Wisconsin Administrative Code NR 151 & NR 216

Learning Objectives:
- Stormwater regulations
- Sources of stormwater pollution
- Management practices to prevent stormwater pollution
- Responding to a spill

Towing Trailers - Course Key Code: 70

Trailers towed by motor vehicles provide an efficient, convenient way to carry heavy loads but they present challenges to drivers. To avoid accidents, you should understand exactly how towing a trailer affects the vehicle you are driving and what you can do as a driver to stay safe as you tow your load.

Trainee: All employees who tow trailers

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 22 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:
- General towing principles
- Connecting a vehicle and trailer
- Driving and parking with a trailer

Underground Storage Tank Operator - Course Key Code: 71

As of 01/01/2012 WI Administrative Code, Agriculture, Trade, and Consumer Protection (ATCP) 93.840, requires every underground storage tank system owner to designate and train Class A, Class B and Class C operators.

Trainee: With the exception of the Heating Plant Supervisor, all staff shall be trained to Class C level. The Heating Plant Supervisor shall be trained to the Class B level. The WI DOA will retain training at the Class A level for all State operated heating plants.

Frequency: Maintain proficiency or as directed by the WI Department of ATCP

Course Delivery: The Heating Plant Supervisor shall coordinate training with campus Environmental Health & Safety or Heating Plant operations staff at the WI Department of Administration. This training will likely be provided in an online format.

Course Length: 60 Minutes

Regulatory Basis: WI Administrative Code, ATCP 93.840

Learning Objectives: Each Class B operator shall receive either of the following:
(a) Site−specific operator training that is focused only on equipment used at the operator's underground storage tank system facility.
(b) Broader training regarding regulatory requirements that encompass all of the following:
1. Components of underground storage tank systems.
2. Materials of underground storage tank system components.
3. Methods of leak and release detection, and leak and release prevention applied to underground storage tank system components.
4. Operation and maintenance requirements of this chapter which apply to underground storage tank systems and which address each of the following:
a. Spill prevention.
b. Overfill prevention.
c. Leak and release detection.
d. Corrosion protection.
e. Emergency response.
f. Product compatibility.
5. Reporting and recordkeeping requirements.

Training elements for Class C operators.
(1) Each Class C operator shall be trained to take appropriate action in response to both of the following:
(a) Emergencies, including situations which pose an immediate danger or threat to the public or to the environment and which require immediate action.
(b) Alarms caused by spills, leaks or releases from an underground storage tank system.
(2) Each Class C operator shall be trained to understand the instructions specified in s. ATCP 93.830 (2) (e).

Using Electrical Safety Programs - Course Key Code: 72

NFPA 70E requires employers to develop and implement an electrical safety program. This course explains basic electrical safety practices that apply to electrical work. These practices include wearing personal protective equipment and completing arc-flash hazard analyses. The course is intended for people in all industries, particularly supervisors, electrical maintenance and installation workers, and safety managers.

Trainee: Any employee involved with installing or maintaining facility electrical systems.

Frequency: Maintain proficiency

Course Delivery: http://lsms.puresafety.com

Course Length: 30 Minutes

Regulatory Basis: NFPA 70E

Learning Objectives:

- Explain the purpose of electrical safety programs
- Recognize the elements of an electrical safety program
- Recall how to complete an arc-flash hazard analysis
- Distinguish between arc-flash, limited, restricted and prohibited approach boundaries
- Identify appropriate personal protective equipment for electrical hazards

Using Eyewashes and Emergency Showers - Course Key Code: 73

This awareness-level course provides anyone who may need to use an eyewash or emergency shower with important information including how to spot neglect, resolve potential problems and use eyewashes and emergency showers safely and effectively.

Trainee: Any employee assigned to inspect/maintain eyewashes and/or emergency showers or having a need to potentially use this equipment.

Frequency: Maintain proficiency

Course Delivery: http://lsms.puresafety.com

Course Length: 24 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Identify why it's important to have quick and easy access to eyewashes and emergency showers
- Recognize eyewash and emergency shower neglect
- Identify how to correct common eyewash and emergency shower problems
- Explain how to safely use eyewashes and emergency showers

Welding, Cutting and Brazing v2 - Course Key Code: 74

Workers must take steps to prevent injury and damage when welding, cutting and brazing. The risk from fatal injuries alone is more than four deaths per thousand workers over a working lifetime. Therefore, care must be taken to ensure that work is performed safely. This course introduces common hazards associated with welding, cutting and brazing and ways to prevent injury and damage.

Trainee: All employees who use welding, cutting or brazing equipment or are designated as a fire watch. Please review the Fire Watch course for additional detail.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 45 Minutes

Regulatory Basis: General duty clause to provide safe work place.

Learning Objectives:

- Welding, cutting, and brazing hazards
- Safe work practices associated with Welding, cutting, and brazing
- Personal protective equipment (PPE)
- Special safety concerns

Workplace Violence Prevention v2 - Course Key Code: 75

Recent statistics show that every year, about 1.7 million U.S. residents are victims of workplace violence incidents. You or someone you know could be involved in workplace violence anytime, anywhere. This course will give you a basic understanding of what constitutes workplace violence, the warning signs to watch for, and what you and others around you can do to prevent it.

Trainee: As desired by supervisor or as requested by employee.

Frequency: Maintain proficiency

Course Delivery: Online at http://lsms.puresafety.com

Course Length: 58 Minutes

Regulatory Basis: None

Learning Objectives:

- Types of workplace violence

- Risk factors associated with workplace violence
- The roles of various groups of people in workplace violence prevention
- Components of workplace violence prevention programs