



Topics in this course include the basics of welding safety including proper equipment use and maintenance, machine guarding, bloodborne pathogens, safety and health programs, and overall welding safety. (Prerequisite: None)

Describe five key aspects of a bloodborne pathogen exposure control plan.
Explain how properly used Personal Protective Equipment (PPE) and appropriate housekeeping methods protect against exposure to bloodborne pathogens.
List three steps to take if exposed to a bloodborne pathogen.

Discuss the benefits of an effective safety and health program.
Name the four elements of an effective safety and health program.
Name three methods to prevent and control workplace hazards.

Identify electrical shock hazard.
Identify proper methods of handling hot metal.
List dangerous conditions created by fumes and gasses.
Identify safety equipment and clothing to prevent damage or injury from arc rays.
List how electric and magnetic fields can affect implanted medical devices.

Demonstrate safe procedures when chipping, wire brushing, and grinding.
Demonstrate proper use of ear protection.
Demonstrate proper handling of gas cylinders.

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

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