

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Department of Mechanical Engineering

LABORATORY SAFETY RULES

The purpose of this list is to promote safety awareness and encourage safe working practices in the laboratory. It is the duty of all persons entering the Mechanical Engineering Laboratories to be respectful of the safety guidelines herein and conduct themselves appropriately and professionally.

1. Be familiar with the location and use of the following safety devices:

- First aid kit
- Fire alarm
- Fire extinguisher
- Telephone

In case of **emergency**, call **911** and inform TA or instructor immediately.

2. Safety goggles, hearing protections, and respiratory masks must be worn at all times, when appropriate.
3. Proper clothes and shoes must be worn in the laboratories. Long hair should be restrained to prevent contact with instrument/machinery, chemicals, flames, etc.
4. No eating, drinking, or smoking allowed in the laboratories. The working area is to be kept clean and free of personal belongings.
5. All equipment should be inspected before use. Carefully examine the electrical power cords for safety hazards before connecting.
6. Be mindful of the dangers of hot surfaces and fast rotating equipment.
7. Review the material safety data sheet (MSDS) before using any chemical and follow chemical handling and storage rules. Wear proper eye protection and protective gloves when handling chemicals. Protective clothing must be worn when the possibility of chemical contamination exists.
8. Keep the floor and equipment dry at all times. Immediately attend to spills of water or chemicals, and notify other laboratory workers of the potential slipping hazards.