

Biology Lab Safety: Protect yourself & others.

Report all accidents, no matter how minor, to your instructor immediately.

Be Aware:

- ✦ Identify substances by reading labels.
- ✦ During lab put all food & drinks away.
- ✦ Wash your hands before leaving the lab.
- ✦ Disinfect work areas if blood, bacteria or contaminated fluids are used or spilled.
- ✦ Use common sense when working with equipment, glassware breaks easily.
- ✦ Dispose of cover slips in the labeled container. Wash & dry glass slides for storage in the slide box.
- ✦ Wear safety goggles when heating glassware or using strong chemicals.
- ✦ Carry & clean microscopes carefully.

Other Ways to Protect Yourself:

- ✦ Carefully follow your instructor's directions. Ask for help if in doubt.
- ✦ Contacts & chewing gum can absorb chemical vapors.
- ✦ Jewelry may react with certain chemicals.
- ✦ If you have sensitivity issues with substances used in labs, talk with your instructor.

Locate:

Eyewash, first-aid kit, shower, fire alarm, telephone & fire extinguishers in or nearby the lab.

If an emergency situation occurs on campus, follow the instructions given by the authorities in charge. The outdoor siren, computer alert or phone text will be used to give important information.

Emergency Telephone Numbers

Fire or Medical Emergency: 911
Non-Emergency Campus Police: 311
Campus Police Dept: 928.776.2185
AZ Poison & Drug Information Center:
1-800-362-0101
U.S. Poison Control Center: 1.800.222.1212

You Have the Right to Understand:

Occupational Safety & Health Administration (OSHA) sets the rules for Yavapai College science labs.

Safety Data Sheets (SDS) are required to be available for students and employees for each hazardous chemical or material they will be using. SDS's have information on each hazardous substance with technical information such as:

- Manufacturer
- Ingredients
- First aid & fire-fighting measures
- Handling & storage requirements
- Disposal information
- Exposure safety limits
- Physical & chemical properties
- Stability & reactivity facts
- Toxicological information

The SDS's are filed alphabetically in red notebooks and are located in Bld 4 Room 212, the Lab Prep Area. They are always available for your use. This information is also easily found on the Internet.

The Hazard Communication

Standard or Right to Know Law:

Everywhere you work, you have the right to understand about the hazardous materials present. You have the right for training, safety instruction and protective equipment.

The Chemical Hygiene Plan:

This is YC's safety education plan for instructors, employees and students. It is located in Bld 4 Room 212, and is available to all students and employees.