



## Universal Waste Handling Guidelines

Universal Wastes are recyclable materials that would otherwise be hazardous wastes. **NEVER dispose of in the general trash.**

- Store in closed, labeled containers for no longer than one year.

### Universal Wastes include:

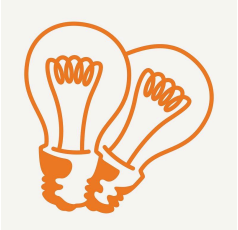
- **Consumer Electronics or E Waste** - computers, monitors, printers, TVs, fax machines, telephones, circuit boards, etc.



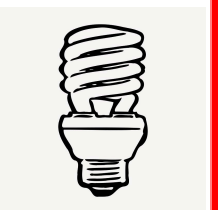
- Contact ITS to wipe sensitive data from the unit before recycling.
- Remove stands, brackets, etc. to reduce overall weight and costs which are based on weight. Metal parts can add additional weight and may be able to be recycled separately.
- May be placed in open containers due to bulk.



- **Lamps/Bulbs**



- May include incandescent, fluorescent, high intensity discharge, neon, mercury vapor, high pressure sodium & metal halide lamps.
- **Broken lamps cannot be handled as universal waste.** Place in a sealed container labeled "broken lamps".



- **Ballasts**

- **Aerosol Cans**

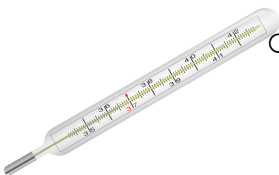
- If cans are entirely empty and depressurized, they may be recycled as scrap metal.



- **Antifreeze**

- Mixture of water with ethylene glycol or propylene glycol.

- **Devices Containing Elemental Mercury**



- Includes thermostats, barometers, manometers, sphygmomanometers, mercury thermometers, temperature and pressure gauges, and mercury switches.



- **Pesticides**

- **Batteries**



- Tape terminals on all small batteries to avoid shorting & fires.
- Automotive and other larger lead-acid batteries may be placed in open containers or on pallets (for larger quantities).

**DO NOT** dispose of or compact Universal Waste with regular trash.

**Plan Ahead - Contact your supervisor and EHS at 810-766-6763 to properly dispose of these items.** For larger quantities associated with relamping projects, coordinate with EHS to ensure the proper number of boxes and barrels available prior to generating the universal waste.

**Learn about handling other regulated & hazardous waste here:**

