

## FLUORESCENT BULBS AND LAMPS

Fluorescent bulbs, lamps, tubes, and other hazardous lamps, including mercury vapor, high-pressure sodium, high-intensity discharge (HID), neon, and metal halide lamps, are regulated by the EPA as Universal Waste Lamps and must be disposed of properly. These items (including "green tip" bulbs) cannot be placed in regular trash. Broken fluorescent tubes must be treated as hazardous waste. It is important to handle these items carefully to keep them intact and prevent breakage.



Universal waste lamps should be handled and disposed in the following ways:

- When changing out waste lamps or bulbs, remove the lamp or bulb from any fixture. Take care when handling to avoid breakage.
- Immediately place spent lamps or bulbs in the original manufacturer's carton or in a cardboard box to prevent them from breaking. Do not tape waste lamps together.
- Attach a Universal Waste Label or mark carton with the words "UNIVERSAL WASTE LAMPS" as well as the date when the lamp or bulb was placed in the box.
- Seal the box or carton with strong packing tape. Boxes or cartons must always be kept closed except when adding lamps. Do not let boxes or cartons get wet, or they may rupture.

### Broken Lamps and Bulbs

If a universal waste lamp breaks, care must be taken to minimize exposure to dust and broken glass. Follow these steps to clean up the material:

- Retrieve spill clean-up supplies (e.g., bucket with lid or box, trash bags, hand broom, dustpan).
- Put on safety goggles and gloves.
- Using a small hand broom, sweep all glass and lamp debris into a dustpan.
- Double line a bucket or box with trash bags, then place lamp debris into the bag.
- Seal the bag inside the bucket or box.
- Label the bucket or box "BROKEN LAMPS" as well as the date the lamp or bulb was broken.



Submit an online pickup request using the EH&S Chemical/Bio Waste Pickup Request form available at: <https://csn.campusoptics.com/hw/chemical-bio-waste-pick-up-request-form> to have the unbroken and broken lamps or bulbs picked up. Please contact EH&S at 702-651-7445 or [ehs@csn.edu](mailto:ehs@csn.edu) if you have any questions.