**UW Bothell/Cascadia College Physics Laboratory Safety Protocol**

* All students prior to beginning your work in these facilities must review the following safety protocol.
* Only students currently enrolled in UWB/CCC laboratory classes or working on a research project with a faculty member are allowed to use laboratory.
* Wear appropriate personal protective equipment (PPE) when directed to do so by the laboratory instructor.
* Sitting or lying down on the laboratory tables is not permitted.
* Locate the following safety items in the laboratory facility:

Fire Extinguisher

First-Aid kit

Telephone

Broken Glass Disposal Box

Sharps Container (CC2-380 only)

* A First-Aid kit is available by the sink. Report all accidents immediately (e.g. cuts, spills or equipment damage) to your instructor or lab staff.
* Loose fitting clothing and long hair should be tied back or confined to avoid personal harm.
* Deposit broken, non-sharps, glassware in the broken glass disposal box. All sharps waste (e.g. glass, needles, and syringes) is placed in red sharps containers marked with the biohazardous symbol.
* Prepare for lab in advance by studying experimental procedure and completing any pre-lab assignments before entering the laboratory. Check white-board for any specific instructions/safety information before starting procedure.
* Do not leave flame or chemicals heating on hotplates unattended. Never evaporate chemicals to dryness over heat.
* Students are not allowed in the prep lab or storage areas unless accompanied by UWB/CCC faculty or staff.
* Be careful to always avoid eye exposure from a laser beam. Lasers are magnified over 100,000 times by the lens of your eye. Please do not direct laser beams outside of the classroom.
* Caution should be taken when handling magnets. Fingers and other body parts can be pinched between two magnets.  With larger magnets, injuries of this type can be severe. The strong magnetic fields near a neodymium magnet can affect pacemakers, ICDs and other implanted medical devices.  Many of these devices are made with a feature that deactivates it with a magnetic field. Neodymium magnets can peel, chip, crack or shatter if allowed to slam together.  Eye protection should be worn when handling magnets, since shattering magnets can launch small pieces at great speeds.
* The electronics and power supplies can be dangerous if used improperly. If you see any frayed cords or other irregularities, do not use and immediately alert the instructor.
* Radioactive sources may be present in the lab. Be sure to heed all warning signs and follow safe handling instructions from instructors and/or lab staff.
* **Do not remove lab materials from the laboratory**. All equipment or any other UWB/CCC lab property must remain in the laboratory.
* **When finished with experimental procedure:**

Return all equipment neatly to the appropriately labeled cart or bin.

If chemicals were used during the lab activity, wash hands thoroughly before leaving.

Replace the tables and push in the chairs at the end of every class. 

**UW Bothell Physics Laboratory Safety Signature Sheet**

(This signed sheet will be collected by lab staff and retained on file)

**Quarter: Course: Section:**

**Instructor: Instructor Signature: Date:**

**Lab Coordinator: Coordinator Signature: Date:**

By signing this sheet, we indicate that each of us has read and understood all of the information presented in the Laboratory Safety Protocol. We, the undersigned, understand that these policies are in place to insure the safety of all University of Washington Bothell and Cascadia students, staff, and faculty as well as the protection of UWB/CCC property. Failure on any or all of our parts to follow the Safety Protocol may result in the individual offending parties being denied access to UWB/CCC laboratory facilities.

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