

ECE498B: Prototype Hazard Disclosure Form		Group number: <u>2016.019</u>
<i>Instructions:</i> Answer all the following questions by putting an X in either the <u>yes</u> or <u>no</u> column. If unsure, answer <u>yes</u> . If you answer <u>yes</u> to any question, set up an appointment with the Lab Instructor to ensure your prototype is safe for the symposium. Include this completed form in your Final Report (Appendix A) even if you answer <u>no</u> to all questions.		
Question: Does your prototype...	yes	no
1. include any circuitry that you designed or built by yourself?	X	
2. †include any circuitry that is not enclosed in an approved plastic or metal box?		X
3. †have a 120V AC power supply/adaptor that is not approved by CSA, UL, ULC, or ESA?		X
4. †involve any other 120V AC circuitry/device that is not approved by CSA, UL, ULC, or ESA?	X	
5. †involve circuitry that is not connected to its power supply with a fuse and a switch?		X
6. †use high-capacity or high-density (e.g., lithium-ion or lead-acid) batteries?		X
7. †have exposed moving parts that may pinch, hit, or crush a person?		X
8. †have parts that are top-heavy and risk falling over?		X
9. have exposed sharp edges or points?		X
10. use strobe lights or unprotected lasers of any class?		X
11. involve projectiles or any part that can fly?		X
12. use high-pressure gases or liquids?	X	
13. emit dangerously loud sounds?		X
14. involve accessible components that reach temperatures above 40°C or below 0°C?	X	
15. emit non-trivial amounts of RF radiation?		X
16. involve irritating/dangerous chemicals, any biological materials, or any food/drink?	X	
17. involve x-rays or radioactive materials?		X
18. eject gas, particles, or fluids into the environment?	X	
19. involve any other hazard? Describe:		X
† If you checked "yes" to any of these questions, you must contact the Lab Instructor by Feb 22 2016.		
Lab Instructor Inspection Report (needed only if "yes" is checked to any question above) <div style="margin-top: 5px;"> <input type="checkbox"/> Prototype is deemed to be <u>unsafe</u> in its current state and requires another inspection after changes are made. <input type="checkbox"/> Prototype is deemed to be <u>conditionally acceptable</u>† for the symposium, and another inspection is not required. <input type="checkbox"/> Prototype is deemed to be <u>safe</u> for the symposium in its current state. </div> <div style="margin-top: 5px; font-size: small;"> †State on the back of this form what minor changes are required for the prototype to be considered safe for the symposium. </div> <div style="margin-top: 5px;"> Lab Instructor Signature _____ Date _____ </div>		
Project Consultant Inspection Report at Final Prototype Demonstration (needed for all projects) <div style="margin-top: 5px;"> <div style="display: flex; justify-content: space-between;"> yes no </div> <input type="checkbox"/> <input type="checkbox"/> The group appears to have accurately answered the above 19 questions. <input type="checkbox"/> <input type="checkbox"/> The prototype presently appears to be safe for the public symposium. </div> <div style="margin-top: 5px;"> Consultant Signature _____ Date _____ </div>		

Disregard these sections for your Final Report.