

## Project Hazard Assessment - Project Narrative

Name of Project: SoutheastCon Hardware Competition		Date of submission: 4/6/2022
Team member	Phone number	e-mail
Kelvin Hamilton	727-686-0396	kdh18@my.fsu.edu
Melissa Emery	561-577-8273	mae16c@my.fsu.edu
Allison Rosenbaum	561-846-2537	alr19k@my.fsu.edu
Raymond Martinez	850-247-3851	rjm18b@my.fsu.edu
Destiny Law	407-446-1582	destiny1.law@fam.u.edu
Faculty mentor	Phone number	e-mail
Bruce Harvey	(850) 410-6451	bharvey@eng.famu.fsu.edu
Oscar Chuy	(850) 410-6468	chuy@eng.famu.fsu.edu

**Rewrite the project steps to include all safety measures taken for each step or combination of steps. Be specific (don't just state "be careful").**

We'll ensure the power is disconnected during component testing before changing any connections. The necessary personnel will have rubber accessories (soles, etc.) to ensure their safety and combat electrocution. When handling the microprocessor and microcontroller, an anti-static band/mat will be used to reduce the chance of electrostatic discharge damage. Personnel will use goggles to protect themselves from any projectile hazards due to the catapult mechanism and to shield eyes from loose debris during game board assembly. If necessary, latex gloves will be used and Leon County's waste center will be utilized to clean battery explosions. Hair ties will be utilized to keep hair from getting caught in any spinning mechanisms such as the wheels. During high voltage electronic, projectile, battery, and spinning mechanism handling, it is required for two members to work together. Two members also must be present during game board assembly/modification. Batteries will be the only potentially hazardous waste present, and we will follow the waste center's instructions for proper handling. For other components and game board materials, standard recycling and trash can be utilized.

**Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use.**

- Assess the level of damage
- Apply First Aid if needed
- Contact necessary officials and/or emergency contacts
- Proceed with cleaning up any debris if necessary
- Take note of faults in safety procedure and adjust procedure accordingly for future experiments

**List emergency response contact information:**

- Call 911 for severe injuries, fires or other emergency situations
- Call department representative to report a facility concern

Name	Phone number	Faculty or other COE emergency contact	Phone number
Alec Klinger (Melissa)	(954)328-3986	Jerris Hooker	(850)410-6463
Christopher Castro(Raymond)	(954)662-9416	Bruce Harvey	(850)410-6451
Amanda De La Cruz (Allison)	(201)753-2224	Oscar Chuy	(850)410-6468
Olivia Fields (Kelvin)	(352)238-5833	Linda DeBrunner	(850)410-6462
Lisa Wright (Destiny)	(407)541-9593	Babak Noroozi	(901)515-7371

**Safety review signatures**

DocuSigned by:	Date	DocuSigned by:	Date
Kelvin Hamilton	4/7/2022   12:10 AM EDT	Oscar Chuy	4/7/2022   5:40 AM EDT
Melissa Emery	4/7/2022   12:20 AM EDT		
Allison Rosenbaum	4/7/2022   12:11 AM EDT		
Raymond Martinez	4/7/2022   12:18 AM EDT	Bruce Harvey	4/7/2022   6:40 AM EDT
Destiny Law	4/7/2022   12:23 AM EDT		

**Report all accidents and near misses to the faculty mentor.**