CS 3651 – Project Demo / Safety Grading

Project: _____

Team Members: _____

Workmanship   _____ / 35 pts

- Are wires neatly routed and organized?
- Do moving parts rotate or shift smoothly without jerks and undue friction?
- Any blobs of glue, or extraneous material?
- Any cracks in wood, rough edges on metal, etc?

Aesthetics / Safety   _____ / 45 pts
- Are exposed mechanical fasteners, cutouts or grills regularly spaced and even?
- Is the prototype "enclosed" or "packaged"?
- Has it been sanded, painted, or varnished to improve it's appearance?
- Are controls or other parts that need to be interacted with labeled?
- Does it include safety interlocks, safety stops, limit switches, etc?
- Does the prototype have exposed wires?
- Any exposed 120 v AC (Line current)?
- Exposed moving parts that may pinch or grab humans?
- Produce eye hazards (except where part of the proposed functionality of device)?

Total Points: **_____ / 80 pts**