



Safety Guidelines

Building a robot requires many tools and can be dangerous. In order to keep everyone safe, we will follow the rules below at ALL times.

- **NO TOOL USE** when instructor isn't present!!
- Never use a tool you haven't been trained to use or shown the proper techniques by the instructor; always *ask for help* before using a new tool, or if you're not sure
- **Hand/Eye protection:** Always wear protective glasses when using tools, and work gloves if you're working with sharp edges like metal or plastic
- **Entanglement:** *Always* pull hair back so it doesn't dangle into work area; remove or tie off loose clothing, scarves, sleeves, etc.
- **Electric hazards:** *No water* around power tools - stay away from the sink! Be careful that any electrical cords are well out of the way of the cutting edge.
- **Body posture:** Keep firm grip on tools, no reaching over work zone, two hands if necessary, stabilize tools with body if possible, maximize leverage
- **Securing work pieces:** use hand clamps, C-clamps, vise grips, or vises; *never* work holding a piece up in empty space. Clamp as close to work region as possible and keep your work pieces secure so no slipping happens while you're working.
- **Sharp Edges:** *Always* file or deburr sharp edges with Dremel, deburring tool, etc. - cut metal edges can slice skin open very easily