

General Safety

- Always wear NON-TINTED EYE PROTECTION and CLOSED TOE SHOES, in the shop
- Work area should stay CLEAN
- No HORSEPLAY in the work area, and always pay close ATTENTION to what you are doing
- A sleeved T-SHIRT and jeans are required in the workspace
- Girls must have their hair up in the work area
- Keep your hands, FINGERS, and hair away from moving machinery (Long hair should be out of reach from moving machinery)
- Report all INJURIES to the safety captain
- You must have PERMISSION from a mentor to use machinery, and a MENTOR must be supervising while operating machinery
- Never leave a machine while it is RUNNING
- Lift with your KNEES, not your back

Machinery in the shop

- ALWAYS ask a mentor if you are unsure on how to work a machine BEFORE you start working
- If the machine starts making strange noises, you should turn the machine off and inform a mentor

Miter/Chop Saw- Used to cut stock; blade comes down on the saw vertically

- Able to cut at angles
- NEVER reach across the line of cut while the machine is operational
- Adjustments must be made while the blade is NOT RUNNING
- Always return the blade to its original position before stopping the rotation of the blade
- Cut fast enough so you do not burn the stock, but slow enough so it does not catch the stock
- The kickback on the miter saw is directed AWAY from the operator

Table Saw- Used to rip a piece of stock to width

- Has evident KICKBACK, so DO NOT stand directly behind the stock being ripped
- Guide the stock along to the blade using the RIP FENCE
- PUSH STICK should be used to push the piece through, and do not let go of the stock being ripped between the blade and rip fence
- Students MAY NOT remove the side guards on the table saw
- DO NOT reach over the saw blade while the table saw is running
- Always keep the blade ONE INCH above the stock being ripped

Drill Press- Used to make holes in the piece

- You must use a TABLE BOARD to protect the drill press
- You MUST clamp down the piece you are drilling through

Rotary/Belt Sander- Used to take off edges using friction

Band Saw- a saw with a vertical blade, also used for free hand cutting

- The blade guide should be set no more than $\frac{1}{2}$ inch above the stock being cut
- If the blade gets jammed by chips from the stock, you should turn off the machine and remove the chips