

Skil-Saw/Handheld Circular Saw

•Review dress code

- Remind students that long hair must be tied back, loose clothing and/or jewelry must be removed

•Intro/ What is a Skil Saw

- It is a portable handheld circular saw
- Discuss what it does/strengths
 - Makes **STRAIGHT** cuts
 - More convenient, portable than table saw but less precise
- Makes both cross and rip cuts
- Remind students that this tool is not as accurate as table saw
- Discuss materials that can be cut:
 - Wood: Dimensional Lumber
 - Sheet Stock
 - Plywood, MDF, Particle Board etc.
 - Hardi-backer or concrete board only with appropriate blade
 - NO metal, drywall

•Briefly Discuss Hazards and Don't's (No Horror Stories)

- User condition ie; lack of sleep, in a hurry etc.
- Never hold small pieces
- Never "rest" or prop tool on thigh
- Remind students that very small pieces can be cut from a larger/safe to hold piece
- Round stock will want to spin
- Be careful not to cut electric cord

•Discuss and Demonstrate importance of:

- Body Position
- Hand Position
- Make sure material is firmly held or clamped to work surface
- Elevate or overhang material as necessary
- Make sure blade is turning full speed before starting cut
- Do not move saw "backwards" while making a cut
- If blade stops or binds, stop tool

*****With tool UNPLUGED*****

•Discuss and Demonstrate Controls

- On/Off switch
- Blade Guard must be attached and moving freely **AT ALL TIMES**
- Set blade height to approx. 1/4" thicker than material

•Making a Cut

- Demonstrate a rip cut
 - A straight edge can be used for more accurate cuts
 - Field questions before students cut
 - Students make cut
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- Demonstrate tool setup for Cross cut
 - Material should be held or clamped firmly to work surface
 - Do NOT use leg or foot to support material**
 - Field questions before students cut
 - Students make cut

•Remind students to clean-up after themselves.

Show them where the brooms, vacuum, etc. are located and what our expectations for clean-up are.

REMEMBER- We are here to help. If you have any questions ask!

