CAED Support Shops

**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 precisie

-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” thinker 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

-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!**

