CAED Support Shop

**Miter/Chop Saw**

**•Review dress code**

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

**•Intro**

-Discuss what this saw does/Strengths

-Accurate CROSS cuts

-Accurate angled or MITERED cuts

­-Discuss how to divide total/overall angle in half ie: 90-45

-Make sure dust collection is on and gate open

**•Show controls and Adjustments**

-Show how to “unlock” tool

-Demonstrate how to change angle and show gauge/pointer

-ON/Off switch

-Demonstrate blade brake

-Discuss and show maximum material dimensions

**•Discuss and Demonstrate Importance of:**

-Body Position

-Hand/Arm position

-Remind students to NEVER cross arms

-Show the “No Hands” zone

-Material should always be supported by fence and held firmly

-Show when possible the angle/miter cut should go “away” from user

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

-User condition ie; lack of sleep, in a hurry etc.

-Never hold small pieces

-Remind students that very small pieces can be cut from a larger/safe to hold piece

-No freehand angles

-Round stock will want to spin

**•Making Cuts**

-Demonstrate and discuss layout and marking

-Make a straight/square cut

-Feed saw to bottom of stroke and release trigger waiting for blade to stop

-Emphasize feed rate and “listening” to the tool

-Angle tool and demonstrate a miter cut

-Discuss and Demonstrate angling saw AWAY from hand holding material whenever possible

-Discuss and Demonstrate stop block and positive physical stops

•Field Questions then Students Cut

-Have each student make bot straight cross cut and miter cut

-Make sure blade comes to a complete stop

-Have students return to 90 degree position after cut

**•Sliding Compound Saw**

-Discuss differences

-Larger Blade

-Sliding feature to allow for wider materials

-Compound Miter (ask for technician help

-Briefly discuss added danger/hazards

-Demonstrate blade “jump” at start-up

-Blade “running” or coming toward user

-Demonstrate straight cross cut on approx. 6” wide piece

-DOWN and OUT

**•Remind students to clean-up after themselves immediately after using a tool or area.**

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!**