
Coal City Unit District #1
Woods II
Career and Technical Curriculum

CTE.W2:1 The student will identify the elements of shop safety.

CTE.W2:1-1 Identify appropriate personal safety.

CTE.W2:1-2 Demonstrate safe use of tools.

CTE.W2:1-3 Select appropriate use of tools.

CTE.W2:2 The student will demonstrate accurate use of measurement and computations.

CTE.W2:2-1 Measure stock accurately to the nearest 1/16th of an inch.

CTE.W2:2-2 Add and subtract different measurements on to an existing measurement.

CTE.W2:3 The student will accurately cut and shape stock.

CTE.W2:3-1 Cut stock to size +/- 1/8 inch.

CTE.W2:3-2 Cut various joints including: Butt, Dowel, Miter, Biscuit, and Lap.

CTE.W2:3-3 Joint edges and Surface faces of stock.

CTE.W2:4 The student will assemble, fasten, and install furniture components

CTE.W2:4-1 Apply clamping devices for basic joinery.

CTE.W2:4-2 Assemble Face Frames using pocket joinery.

CTE.W2:4-3 Fasten stock with metal fasteners.

CTE.W2:5 The student will Interpret Plans.

CTE.W2:5-1 Identify the drawings in a complete set of plans.

CTE.W2:5-2 Identify dimensions from a plan.

CTE.W2:5-3 Perform calculations using architectural dimensions.

CTE.W2:5-4 Describe how CAD is used in furniture making.

CTE.W2:6 The student will apply finishes to a variety of surfaces.

CTE.W2:6-1 Apply safety rules when using finishing materials.

CTE.W2:6-2 Remove excess glue.

CTE.W2:6-3 Apply wood filler to nail or screw holes.

CTE.W2:6-4 Sand surfaces.

CTE.W2:6-5 Apply appropriate finish according to manufacturer's instructions

CTE.W2:7 The student will present a finished project.

CTE.W2:7-1 Document steps completed during project construction

CTE.W2:7-2 Perform all steps necessary to complete a project.

CTE.W2:7-3 Present a project's progression from beginning to end.