

**Industrial Technology
Hartley-Melvin-Sanborn CSD
Course Benchmarks-Advanced Woods**

Standards and Benchmarks

Standard I: Understand principles of woodworking production systems

Demonstrate previously learned woodworking materials processing skills and knowledge.

Differentiate between mass produced and custom-made cabinetry.

Identify elements of high and low quality woodworking product.

List elements of manufactured woodworking product.

List elements of hand-made woodworking product.

Identify production systems in a woodworking manufacturing facility.

Standard II: Understand and demonstrate use of materials related to cabinetry and advanced woodworking.

Identify materials best suited for a purpose.

Explain how manufactured products can be used effectively.

Identify new innovations in materials.

Relate how humidity affects cabinetry and construction practices.

Standard III: Understand and demonstrate procedures and techniques of cabinetry and advanced woodworking.

Demonstrate use of woodturning skills.

Identify shaping and routing profiles used in cabinetry.

Explain procedures for assembly of cabinets and advanced woodworking projects.

Identify jigs and fixtures used in cabinetry.

Demonstrate proficiency in hand tool use.

Demonstrate proficiency in cutting and shaping skills.

Demonstrate proficiency in clamping and gluing skills.

Demonstrate proficiency in sanding and finishing skills.

Standard IV: Understand terminology related to cabinetry and advanced woodworking.

Identify styles of furniture.

Identify elements of design.

Identify elements of construction.

Identify occupations and hobbies related to woodworking.

Demonstrate terminology usage.

Standard V: Demonstrate self-evaluative skills.

Critique finished product.

Construct samples of joinery to be used in project.

Evaluate parts during production and construction, making adjustments as needed.