

Wood Technology I – III

Wood Technology, unlike Construction Technology, is intended to teach the skills and processes needed to complete decorative wood products. The activities all take place in a shop environment and not on a construction site. The products are generally furniture, cabinets, or storage containers.

Standard 1: Understand the “Soft Skills” that industry expects.

Benchmarks

1. Demonstrate reliability by attending class on a regular basis.
2. Demonstrate work ethic through the planning and completion of chosen projects.
3. Demonstrate teamwork through the cleaning, maintenance, and (when needed) helping a classmate with a procedure.

Standard 2: Understand and apply safe practices in a woodworking facility.

Benchmarks

1. Attend instruction in the safe use of woodworking machines
2. Successfully complete written tests for all of the machines commonly found in a woodworking facility

Standard 3: Understand the planning of a wood project, the sketching, choosing the type of wood, and the calculation of cost.

Benchmarks

1. Identify types of wood commonly found in a school shop or the furniture industry including their characteristics.
2. Become aware of and use simple 3 view sketching techniques to plan a project.
3. Calculate board feet, square feet, and cost of wood materials.
4. Demonstrates the ability to measure in the Standard English System.

Standard 4: Demonstrate the safe and correct operation of machines generally found in a woodworking facility.

Benchmarks

1. Check all setups with the instructor before beginning.
2. Discuss the safe completion of a piece of work before beginning.
3. Be aware of classmates work and point out unsafe methods.
4. Throughout the year demonstrate an increased understanding and use of woodworking tools and equipment including the wood lathe