



Cabinetry, Millwork, & Woodworking

Building & Construction Trades Industry



Program Overview

The Cabinetmaking, Millwork & Woodworking Pathway provides students with hands-on experience in crafting custom furniture, cabinetry, and wood products. Learn design, precision, and craftsmanship while preparing for careers in woodworking, carpentry, and manufacturing, acquiring skills in high demand across various industries.



Course Sequence

Woodworking 1

Woodworking 2

Woodworking 3

Student Experiences

Students are involved in **real-world learning** providing students with the foundational skills and knowledge needed to safely and confidently work with wood in a fully-equipped shop environment. Emphasizing hands-on learning, students will explore the design, planning, and construction of a variety of woodworking projects—from basic joinery to furniture-level craftsmanship. Sample projects include:

- Spin top toy
- Key rack
- Step stool or side table
- Nightstand

College & Career Ready

This pathway promotes creativity, critical thinking, and precision, while reinforcing safe work habits and proper tool usage. Students will also examine the history and cultural relevance of woodworking as both a practical trade and fine art. Students emerge with the ability to:

- Properly use hand and power tools
- Read and interpret technical drawings & plans
- Design and build woodworking projects
- Understand layout, and joinery techniques
- Apply finishing techniques such as sanding, staining, and sealing
- Develop problem-solving and project-planning skills
- Practice responsibility, collaboration, and craftsmanship



Pathways to Success!