

# Career and Technical Education Department

## Wood Working

### Senior High School



Arts & Communications



Business, Management Marketing & Technology



Health Science



Engineering/Manufacturing & Industrial Technology



Human Services



Natural Resources & Agriscience

VPAA – Meets Visual, Performing & Applied Arts Requirement

OLE – Meets Online Learning Experience Requirement

SMR – Senior Math Related

CP - CTE Completer

21F – Course Available through Section 21F: Expanded Virtual Learning

\*CAREER ZONES - Broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies.

<b>CTE WOODWORKING</b> (VPAA) – V700	9, 10, 11, 12	1.0 credit
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SHARED TIME: May require travel to another building

This course is designed to safely teach students the basic skills in the use of woodworking/construction trades materials, tools and processes with multiple skill levels. Hand tools, portable power tools, and industrial woodworking machines will be used to develop and create prototypes.

\*Course content may address skills pertaining to these potential Career Zones: *Engineering, Manufacturing & Industrial Technology*

<b>CTE FURNITURE AND CABINET CONSTRUCTION</b> (VPAA/CP) – V710	10, 11, 12	1.0 credit
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SHARED TIME: May require travel to another building

PREREQUISITE: CTE Woodworking

Can be Co-Enrolled with CTE Advanced Woodworking and/or CTE Advanced Woodworking Capstone

This course is designed to safely teach students the applications of wood technology, such as millwork and furniture construction. It focuses on the final aspects of building such as constructing kitchen cabinets, counters, and built-in units. Included is the study of joinery, frames, doors, drawers, finishes, and installations. Floor plans, blueprints, and exterior house design will also be examined as resources. Students will be exposed to career opportunities in the construction and woodworking trades.

\*Course content may address skills pertaining to these potential Career Zones: *Engineering, Manufacturing & Industrial Technology*

**CTE ADVANCED WOODWORKING (VPAA/CP) – V720** 10, 11, 12 1.0 credit

SHARED TIME: May require travel to another building

PREREQUISITE: CTE Woodworking

Can be Co-Enrolled with CTE Furniture and Cabinet Construction and/or CTE Advanced Woodworking Capstone

This course is designed for students interested in the woodworking field. Students design their own projects and/or explore other related areas of wood fabrication. Students can design, cost account, and construct prototypes in such areas as residential construction, cabinetmaking, furniture making, pattern making, millwork, or plastic laminates. Study guides, projects and exams will be used to evaluate progress.

*\*Course content may address skills pertaining to these potential Career Zones: Engineering, Manufacturing & Industrial Technology*

**CTE ADVANCED WOODWORKING CAPSTONE (VPAA) – V730** 10, 11, 12 1.0 credit

SHARED TIME: May require travel to another building

PREREQUISITE: CTE Woodworking

Can be Co-Enrolled with CTE Furniture and Cabinet Construction and/or CTE Advanced Woodworking

This course is designed for students in grades 11-12 who have completed CTE Woodworking and CTE Advanced Woodworking in the CTE Woodworking program. This course allows students to further their woodworking skills. This course is the third course of a three-year curriculum designed around students refining their woodworking skills by continued practice.

*\*Course content may address skills pertaining to these potential Career Zones: Engineering, Manufacturing & Industrial Technology*

**STW WOODWORKING INTERN – N314** 11, 12 1.0 credits

PREREQUISITE: School to Work Coordinator approval, and completed or co-enrolled in CTE FURNITURE AND CABINET CONSTRUCTION OR CTE ADVANCED WOODWORKING

This course offers students the opportunity to spend a portion of their school day working in a woodworking related training site in the community. This employment experience is related to the career goals of the student and is supervised by a school-to-work coordinator. The student will develop workplace skills and leadership traits in their chosen area of specialty. Evaluation of job performance and assessment of coursework is the responsibility of the STW Coordinator with input from the training site supervisor. This program adheres to all federal and state labor laws.