

Wood Technology

Courses Offered	9	10	11	12
Wood Technology CNC	•	•	•	•
Wood Technology I	•	•	•	•
Wood Technology II	•	•	•	•
Wood Technology III		•	•	•
Wood Technology IV			•	•

Wood Technology CNC

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Wood Technology CNC is an introductory level course in operating a computer numerical controlled (CNC) machine. This course will be taught as if students have no prior CNC or woodworking experience. Geared toward preparing students for production in industry, they will use software to design projects and create tool paths to be run on a CNC machine. Students will walk away with tangible projects in hand as they gain knowledge in the coordinate system, tooling, precise measurement, and cutting operations.

Wood Technology I

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Lab Fee: Cost of project materials. Financial aid available.

Wood Technology I is a beginning level course in woodworking. The course will be taught as if the student had no prior woodworking experience. Each machine will be explained thoroughly with an emphasis on safety. Students will also learn project planning, wood selection, proper measurement techniques, cost calculation, squaring a board, wood joints, sanding, finishing, and other woodworking procedures necessary to complete two to three beginning level wood projects within this trimester long class.

Wood Technology II

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite: Wood Technology I

Lab Fee: Cost of project materials. Financial aid available.

Wood Technology II is a trimester long, intermediate level course in woodworking. Its purpose is to provide further experience to students who desire to explore the woodworking field in more detail. Emphasis will be placed on technology used in carpentry, cabinet and furniture making, as well as more abstract type woodworking. Students will be given the opportunity to advance skills learned in Wood Technology I in areas of materials, machines, and procedures. Students will be further involved in the design and development of plans for an intermediate project of their choice to complete within this trimester long course.

Wood Technology III

Grades 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite: Wood Technology I & II

Wood Technology III is a trimester long, intermediate level course in woodworking. Different from Wood Technology I & II where students utilize the shop to build individual projects for themselves, this course is designed around mass production projects and/or service projects to the community.

Wood Technology IV

Grades 9, 11, 12

1-3 Trimesters, 1-3 class hrs. | 1/2 credit per trimester per hour

Prerequisite: Wood Technology I, II & III, B or better in Wood Technology III or written approval from teacher.

Lab fee: Cost of project materials. Financial aid available.

Wood Technology IV is designed as an advanced level woodworking course. Its purpose is to provide a more extensive experience to students who desire to explore the woodworking field in greater depth. Emphasis will be placed on technology used in carpentry, cabinet and furniture making, as well as more abstract type woodworking. Students will be given the opportunity to advance skills learned in Wood Technology I, II & III in areas of materials, machines, and procedures. Students will be expected to design and develop plans for an advanced project of their choice. The base level of this course is one trimester one hour, however depending upon the complexity of the project chose, a student can sign up for one to two additional hours. Student must discuss project choice with instructor before choosing their number of hours.