

High School Syllabus

Department: Technology Education
Course Title: Introduction to Wood Manufacturing

Course #: 70706W

DESCRIPTION OF COURSE: Students will design and create wooden signs, clocks, and logos. An introduction to CorelDraw and ToolPath software will be explored. Basic woodworking skills, safe machine, and tool operations will be emphasized. Assessments will be based on projects, participation, and safety.

REQUIRED TOPICS OF STUDY	SUGGESTED INSTRUCTIONAL TIME	STANDARDS/ ELIGIBLE CONTENT
Measurement	3 Class days	CC.2.1.HS.F.2
General Industrial Safety (OSHA)	3 Class days	10.3.9.A
Specific Machine Safety and Operations	20 Class days	10.3.9.A
CNC Router Operations and Safety	15 Class days	15.4.12.A 3.4.10.A1 3.4.12.A3 3.6.9.-10B
ToolPath Software	20 Class days	15.4.12.G CC.3.5.9-10C CC.3.5.9-10D
CorelDraw Software	20 Class days	15.4.12.G
Industrial Finishes	5 Class days	9.1.12.H 3.4.10.D1
Career Opportunities	3 Class days	13.1.11.A
Manufacturing Systems	5 Class days	3.4.10.E6

RESOURCES: Instruction Safety Guides (teacher created), Computer workstations, Video “Saw Stop”, “CorelDraw” Software, Axyz router table manual, “SolidWorks” Design Software, Saw Stop Owner’s Manual, Woodworking machinery manuals, Moodle online teacher created tests and resources

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