



Marshfield High School

SYLLABUS

School Phone: 859-2120, ext. 2120

Teachers- Mr. Veeneman
Mr. Zweerink

Course Description

Woodworking Technology II provides advanced exploration into the skills and techniques used in woodworking technology through practical projects. It will consist of demonstrations and discussions of tools, materials, product design, engineering, and fabrication processes in woodworking technology. Units of study will include: Furniture Design and Planning, Furniture Fabrication, Computer Numerical Control (CNC) machining and wood turning on a lathe. Technology innovation, workplace safety, problem solving, careers, and leadership skills will also be emphasized.

Course of Study

Preparation Program: This program will include a review of general shop safety and the safe use of hand and power tools. Students must successfully complete the preparation program before starting work on projects.

Projects:

1. Wood identification
2. Assorted joint applications and techniques
3. Wood turning on the lathe or mini lathe: Candle Stick Holder
4. Plaque or sign made with a CNC Router
5. Cedar box with laser engraving
6. Personal project of students own preference within their capabilities, time frame, and approval of Mr. Veeneman.

Project Costs

ALL PROJECT MATERIALS WILL BE PAID IN FULL BEFORE YOU START WORKING ON IT IN THE SHOP.

The costs of school materials used by students to fabricate their projects must be reimbursed to the school. Materials brought from home may be used with teacher approval.

Required: \$5.00- materials for the Cedar Box and the Candle Stick Holder.

Class Supplies

- To be prepared for class, students must bring a pencil to class daily.
- Students are required to wear approved safety glasses in the woodworking lab at all times. Safety glasses will be provided. If the integrity of the safety glasses is compromised while in the possession of the student, they will be charged a \$3.00 replacement fee. Safety glasses may be brought in from home, but must be approved safety glasses with clear lenses. The safety glasses may **not** be tinted or mirrored.

Lab Safety

Students are required to participate in all general and machine safety demonstrations. Students are further required to pass all safety tests with 100% accuracy before being allowed to use machines for project work.

Machines in the lab are safeguarded as much as possible. Safety, in general and with machine tools is emphasized repeatedly. However, bodily injury can occur through carelessness, misuse of equipment, or disobedience to proper safety procedures.

Safety glasses must be worn at all times in the shop.



All students have the opportunity to participate in Marshfield High School TSA activities. TSA activities include, homecoming parade, Missouri TSA Connections Conference and Distinctions Conference, National TSA Conference, Competitive events related to technology and many other fun activities. Marshfield TSA holds regular meetings every Monday to plan chapter activities. TSA is a student run association that promotes technology education and leadership at local, state, and national levels. Mr. Veeneman is the chapter advisor.

Contests and Conferences

Students will have opportunities to participate in technology education conference and contest events. Missouri TSA Distinctions Leadership Conference, Rolla, MO

- Missouri TSA State Conference, Rolla, MO
- TEAM Southwest District Contest and Expo, MSU, Springfield, MO
- TEAM State Contest and Expo, Lodge of the Four Seasons, Lake Ozark, MO
- TSA National Conference, TBA

Student Expectations

Students will be expected to maintain desired conduct as outlined in the school policies. Interpretation of these guidelines specific to this class includes the following. Students are expected to:

- Be in their assigned classroom seat when the tardy bell sounds.
- Work on assigned task until class ends.
- Listen to and follow instructions so as to work wisely and safely. Always, ask questions if unsure of a procedure.
- Allow the teacher to assist with class and lab work and be accepting of correction.
- Be responsible for your personal belongings and project materials.
- Respect your peers and their property. Obtain permission before handling others property.
- Respect others opinions and use non-offensive language to communicate to others.
- Keep food and drinks in the cafeteria. No food or drink allowed in the lab.
- Refrain from horseplay in the classroom and lab.
- Be held responsible for the purposeful damage or theft of classroom or lab equipment.
- Await dismissal at the end of class by the instructor.
- Make up class assignments and lab work missed due to absence.
- Follow all safety procedures.
- Restroom breaks you must sign in and out on the sheet provided. The Potty Pass must accompany you to and from the rest room.
- Complete your assigned clean up job during the assigned clean up time.

Classroom discipline procedures

1. Upon observing inappropriate behavior the instructor will issue a verbal warning.
2. If the same behavior continues, the instructor will have a conference with the student and consult with a parent.
3. If inappropriate behavior continues a referral form will be completed and sent to the assistant principal for further action.

4. *Tardies:* Hall sweeps are done after every tardy bell and all violators will serve lunch detention.

Note: If a student incident occurs which is a violation of school disciplinary code that warrants in school or out of school suspension on the first offense, as outlined in the student handbook, or purposely creates an unsafe situation, placing the student and/or others in an unsafe situation, the student will be referred directly to the assistant principal.

Grades

Student's grades will be accumulated (approx.) as follows to determine the semester grade:

- Written assignments, unit tests and quizzes -20%
- Daily lab work grades –50%
- Individual and group projects -20%
- Semester final exam – 10%

Written assignments, unit tests and quizzes will include worksheets, study guides, safety tests, and unit quizzes.

Daily lab work grades will be recorded daily at the discretion of the instructor. Students' work habits, ability to safely use machinery and other tools in the shop will be evaluated and recorded on a 4 point scale.

Individual and group projects will be evaluated for accuracy, completeness, and craftsmanship. Project progress grades will be recorded at the end of each grading period. Final project grades will be recorded upon the completion of the project.

Semester final exams will be administered at the end of each semester. Exams will be a comprehensive test of the student's learning during the semester. Scores on the final exam will serve as 10% of the student's semester grade.

Letter grades for individual written assignments, tests, quizzes, and projects will be determined using the following percentage scale:

100%-94% . . . A	76%-73% C
93%-90% A-	72%-70% C-
89%-87% B+	69%-67% D+
86%-83% B	66%-63% D
82%-80% B-	62%-60% D-
79%-77% C+	Below 60% . . F

Make-up Work

Students who miss class are expected to make up missed class assignments and lab work. It is the student's responsibility to communicate with Mr. Veeneman before or after an absence to make up missed assignments.