

Advanced Woods Syllabus

Marshfield High School

SYLLABUS 2016-2017

School Phone: 859-2120, ext. 2120

Teacher- Mr. Veeneman

COURSE DISCRIPTION

Advanced Technology provides advanced exploration into the knowledge, skills, and processes used in technology through practical projects. Individual and/or group technology projects will be designed, engineered, fabricated, and evaluated by the student. Instruction will consist of demonstrations, research, and discussions of design, engineering, tools, materials, and fabrication processes. Technology innovations, workplace safety, problem solving, careers, and leadership skills will also be emphasized. Students will also have the opportunity to participate in Technology Student Association (TSA) activities and industrial technology contests. Students may repeat this class for additional credit.

COURSE OF STUDY

Preparation Program: 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.

Projects:

- Furniture project: Individual students will fabricate a furniture project having door(s) and/or a drawer(s). Students will create their own design or make modifications to plans already created. The furniture project will be fabricated with a combination of woodworking hand and power tools. Students may enter their project in the SW District Technology Contest in Springfield. State qualifiers may compete at the State Technology Contest at Lake Ozark.
- (Group or partners may be allowed with teacher approval)
- Ready-To-Assemble (RTA) furniture project: Students will complete the design and manufacturing process of a piece of furniture with RTA in mind to reduce packaging, shipping and inventory space limitations.
- (Group or partners may be allowed with teacher approval)

PROJECT COST

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

Materials brought from home may be used with teacher approval.

CLASS SUPPLIES

- To be prepared for class, students must bring a pencil.
- 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.

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 in the shop at all times.

Technology Student Association (TSA)

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, and the National TSA Conference. Marshfield TSA holds regular meetings, every other Tuesday, 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
- EAM Southwest District Contest and Expo, MSU, Springfield
- TEAM State Contest and Expo, Lodge of the Four Seasons, Lake Ozark
- TSA National Conference, TBA

STUDENT EXPECTATIONS

Students will be expected to maintain good 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. Have student planner signed for bathroom breaks.
- Listen to and follow instructions so as to work wisely and safely. Always ask questions if you are unsure of a procedure.
- Allow the teacher to assist with class and lab work and be accepting of correction.
- Be responsible for their 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.
- Have passes to be excused from class signed by the teacher prior to leaving the classroom.
- Follow all safety procedures.
- Restroom breaks you must sign out and in 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.

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.

SEMESTER GRADES

Student's grades will be accumulated as follows to determine the semester grade:

- Written assignments, safety tests, 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 that miss class are expected to make up 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.