

2019-2020 Syllabus

Mr. Broadway's 8th Grade Tech Ed. – Principles of Manufacturing

Course Description:

In this course, students will study construction through self-contained computer modules, cooperative activities and traditional instruction. This hands-on, student guided learning includes module workstations as well as learning through design, drafting, production, etc. Students may also be instructed in SketchUp and will be expected to master several assignments given in basic computer application software. Drafting units include: Basic measurement, using scales, pictorial drawings, One-view drawings, three-view drawings, non-isometric pictorial drawings, wood production working drawings, freehand sketching and proportional squares methods.

Contact:

E-mail: mark.broadway@humbleisd.net

Course Expectations:

Students in this class are expected to understand and follow lab safety procedures. Students will learn and use technology and machines to learn, create, and problem solve in both shop and computer lab settings. Safety is a primary concern, students are expected to meet classroom expectations and adhere to tool safety procedures at all times.

Materials

Students will have opportunities to use **devices** with teacher permission. Students can lose this privilege due to misconduct. A **mechanical pencil and eraser** are to be brought to class on a daily basis.

Please purchase a **composition notebook** for this class which may be left in the classroom for safekeeping.

Tissues and **notebook paper** are requested – to be left in the classroom for use by all students.

The purchase of **personal eye and ear protection** is highly encouraged. A classroom set of eye protection is provided.

Material Donation Fee: A **\$20 materials fee per semester** covers the material cost for projects. Students who pay this materials charge will keep all projects they make throughout the year. To pay electronically, please visit:

<https://humbleisd.revtrak.net/Middle-Schools/Woodcreek-Middle-School/wms-class-fees/wms-technology-education/#/v/WMS-Class-fee---Technology-Education> If you need to pay by another means, please email Mr. Broadway.

Class Rules

- Make sure you have permission from the instructor before you use any equipment.
- Come to class on time, school policy on tardiness is enforced.
- Come to class prepared with all needed supplies, such as **PENCIL** and **clean notebook paper**.
- Turn assignments in on time. Neatness counts.
- Follow proper procedure and care for computers, equipment, furniture, books and supplies.
- Respect other students, teachers, staff, visitors and their property. Keep your hands, feet and other objects to yourself. Use clean language. No name calling. Respect yourself.
- Listen and follow all directions the first time. Obey all school rules.

Behavior Plan

If a stated expectation is not met, the following procedure will take place:

1. Verbal warning
2. On second verbal warning, I'll ask student to stay after class for a talk
3. On third offence, I'll email home
4. On fourth offence, I'll skip the email and call home
5. On the fifth offence, I'll include a referral to the WMS Administration.

Grading

A Daily grade will be given for safety, clean-up, general school rules, professionalism & participation. A Major grade will be given for projects, tests, module completion, lab work, experiments etc. During the wood production modules, the student must pass a Safety Test and score **90 or higher**. Each student will be responsible for a daily, graded clean-up task. Safety is stressed each day. Students are required to wear eye protection while machines are in operation. A class set is provided.

PRINT Students Name _____ Date _____ Class Hour _____

Dear Parents and or Guardian:

We are glad your child is enrolled in Technology Education. Students will have the opportunity to participate in supervised class activities that involve the use and operation of various tools and equipment.

Appropriate instruction in the safe operation of tools, equipment and procedures will be given. Precautions are taken to prevent accidents but a certain risk is involved due to the nature of the experience and the learning environment.

State law requires proper eye protection and we ask your support in discussing with your child the necessity to observe safety policies that have been established. Please contact me if you have any questions: mark.broadway@humbleisd.net. Thanks for your assistance.

Parent Signature _____ Date _____

Mark Broadway

Mr. Mark Broadway
Tech Ed Instructor

STUDENT AGREEMENT / SAFETY PLEDGE

I agree to observe all safety rules and procedures for the safe operation and conduct in this class. I will wear approved eye protection in accordance with state law. I promise not to disrupt the safety of fellow students by carelessness, horseplay or distraction. I also agree to do my part in keeping the shop area clean by fulfilling my daily clean-up assignment at the end of my class period.

Student signature _____ Date _____