

## SYLLABUS



1. **Course Title:** MS Industrial Arts
2. **Course Overview:** Students will learn basics skills and get a good idea of life as a skilled and well trained worker: what a jobsite is like, what the working conditions are like, what challenges and satisfactions that go along with doing the job. Students will have the opportunity to explore themselves, gain interests and preferences, all while learning and practicing the skills you could be using as a professional carpenter.
3. **Course Times:** 1 Semester  
1<sup>st</sup> & 2<sup>nd</sup> Hour: 7:40 – 9:34
4. **Temp. Daily Schedule:**  
7:50-8:25 – 1<sup>st</sup> Half of Class (35 mins)  
8:25-8:30 – Break (5 mins)  
8:30-9:05 – 2<sup>nd</sup> Half of Class (35 mins)  
9:05-9:25 – Clean Up (20 mins)
5. **Course Location:** CSI – Industrial Arts Room –or- Room 210 (If I'm absent)
6. **Instructor:** Mr. Justin Butts, [jbutts@hudson.k12.mi.us](mailto:jbutts@hudson.k12.mi.us), 448-8912 ext. 210
7. **Course Content Expectations:** Students will learn the proper techniques of using basic carpentry hand/power tools, measuring, project layouts all while promoting proper safety while on the jobsite.
8. **Tentative Course Calendar/Schedule:**
  1. Safety on the Jobsite
    - a. Importance of Safety
    - b. Hazards, Accidents, Injuries
    - c. Common Mistakes
    - d. Preventing Accidents
    - e. Promoting Safety  
*\*Possible Visitor*
  2. Measuring, Making, and Layout Tools
    - a. Showing Respect for Tools
    - b. Tools Used for Measuring, Marking, and Layout
    - c. Retractable Tape Measure
    - d. Speed Square
    - e. Compass
    - f. Protractor
    - g. Sliding T-Bevel
    - h. Framing Square
    - i. Straightedge and Chalk Box
  3. Basic Carpentry Hand Tools
    - a. Intro to Hand Tools
    - b. Handsaw
    - c. Utility Knife
    - d. Hammer and Chisel
    - e. Block Plane
    - f. Claw Hammer
    - g. Nail Set
    - h. Clamps
    - i. Sandpaper and Sanding Blocks
    - j. Other Hand Tools
  4. Basic Carpentry Power Tools
    - a. Drill Motor – Drill/ Paddle Bits
    - b. Jig Saw
    - c. Chop/Miter Saw
    - d. Circular Saw

5. Projects
  - a. Saw Key Holder
  - b. Bird House
  - c. Step Stool
  - d. Tool Box
  - e. Create your own

6. The Finished Project – (if time permits)
  - a. Paint
  - b. Stain

*\*Possible Lowes Visit*

### 9. Grading Policy:

Grades are determined on...

- Appropriately Dressed
- Accountability
- Attitude
- Safety
- Finished Projects

### 10. Course Policies:

#### Make Up Work

- If you have been gone due to illness or other emergency, it is your responsibility to check with me to get the work.

### 11. Teacher Responsibilities.

My Pledge to You

- I will trust you until you give me reason to do otherwise.
- I will respect you and work with you to solve problems.
- I will promptly correct and offer feedback on your work.
- I will work with you to meet learning goals.
- I will offer extra help and alternative assessments should you require them.

### 12. Student Responsibilities.

- Be prepared! You are expected to bring the necessary materials needed for class **each day**.
- No eating or drinking is allowed in class, with the exception of bottled water.
- Take pride in your work! Show effort and a desire to learn and it will be rewarded.
- Be on time! **Be dressed and in your seat ready to learn when class begins.**

#### Be respectful of school property and others

- The tools used needs to be taken care of or you'll lose the rights of working with them.
- Any messing around that alters ones safety will not be tolerated.
- I will not tolerate verbal or physical abuse of anyone in the classroom. Respect for others must be demonstrated at all times.
- Clean up will be done daily, and expected to be spotless! **Remember a clean work area is a safe work area.**