

8th Grade Introduction to Manufacturing

2024-2025 SYLLABUS

Mr. Zachary C. Grizzard BS.Ed

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Room: 49

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Introduction to Manufacturing focuses on the fundamental knowledge and skills needed in the manufacturing industry. Emphasis is placed on job safety and manufacturing systems.

This course may be offered to 8th grade students as an exploratory, non-credit-bearing option. Standards under the topics Foundational Standards, Safety, Drafting Design, Blueprint Reading, and General Standards are required to be taught in an 8th grade course.

Upon successful completion of this course, students perform basic tasks related to the manufacturing industry.

Through these standards, students learn and apply safety concepts, explore career opportunities and requirements, practice the skills needed to succeed in the workplace, develop leadership qualities, and learn and practice essential digital literacy skills.

Yearly Goal:

Students will understand basic manufacturing processes and safety protocols, demonstrate drafting and blueprint reading skills, and explore career opportunities in the manufacturing industry.

Required Materials:

Fully Charged Chromebook

Earbuds

Binder/Notebook For Class Notes & Handouts

GOOGLE CLASSROOM CODES

6th Period: xf3kjgg 7th Period: fsljb7f

Introduction to Manufacturing Grades 9-12

Alabama Course of Study Required Curriculum Standards:

This course may be offered to 8th grade students as an exploratory, non-credit-bearing option. Standards under the topics Foundational Standards, Safety, Drafting Design, Blueprint Reading, and General Standards are required to be taught in an 8th grade course.

Topic	Standard(s)
Foundational Standards	<ol style="list-style-type: none"> 1. Incorporate safety procedures in handling, operating, and maintaining tools and machinery; handling materials; utilizing personal protective equipment; maintaining a safe work area; and handling hazardous materials and forces. 2. Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork. 3. Explore the range of careers available in the field and investigate their educational requirements, and demonstrate job-seeking skills including resume writing and interviewing. 4. Advocate and practice the safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway.
Safety	<ol style="list-style-type: none"> 1. Apply safety rules, regulations, and procedures related to manufacturing. Example: plant floor, interpretation of Safety Data Sheets (SDS), Environmental Protection Agency (EPA), and Occupational Safety and Health Administration (OSHA) rules and regulations.
Drafting Design	<ol style="list-style-type: none"> 13. Explain the importance of drafting design in today's technological workforce. 14. Demonstrate the safe use of drafting design tools following established procedures and regulations. 15. Demonstrate mathematics skills related to drafting design, including basic fractions, scale reading, and conversion between customary and metric measurements.
Blueprint Reading	<ol style="list-style-type: none"> 16. Relate information on blueprints to actual locations on the print, including terms, components, and symbols. 17. Construct basic multiview, two-dimensional drawings, including visualizing principal views, creating third-angle projections, selecting proper drawing scale, and organizing the layout of primary views.
General Standards	<ol style="list-style-type: none"> 18. Interpret technical information related to the manufacturing process. 19. Demonstrate financial management, budgeting, and investing as they relate to career goals and objectives in manufacturing industries. 20. Describe the use of slings, common rigging hardware, basic hitch configuration, proper connections, and basic load-handling safety practices. 21. Demonstrate the correct use of hand tools and power tools utilized in the manufacturing industries.

Classroom and Online Procedures:

Check your school email and Google Classroom **DAILY** to look for teacher announcements and new materials/assignments.

Cell Phone and Headphone Policy:

HJHS classrooms have a no-tolerance policy for cell phone usage. You will turn your phone into a designated rack at the beginning of class and you may retrieve your cell phone at the end of class. If you are caught on your cell phone during class, you will receive a discipline referral and your phone will be turned in to administration. Headphones will only be allowed during class assignments or teacher-designated free time. If you are on headphones at any other time they will be taken up by the teacher. If there is a need for cell phones or headphones in class, you will be told, directly by the teacher.

Makeup Work Policy (HCS):

Students who are absent are required to make up work missed in each class. It is the student's responsibility to obtain all make-up work from his/her teacher(s) immediately upon return to school. Only in extreme cases of prolonged absences will more than one week be allowed for work to be made up. Grades will be held in the event make-up work is not turned in and will lead to failure if the situation is not remedied immediately. Long term assignments such as research papers, special projects, etc., are due on or before the due date even if the student is absent on the date the assignment is due.

Disciplinary Policy:

Refer to the HCS Student Handbook/HCS Code of Conduct

Grading Procedures:

- A: 90-100
- B: 80-89
- C: 70-79
- D: 60-69
- F: Below 60
- I: Incomplete

Re-Assessment Procedures:

Re-Assessment opportunities will be given through the completion of assessment contracts. Contracts will be given for each unit.

Non Discriminatory Policy:

It shall be the policy of the Hartselle City Board of Education that the School System shall provide, on a nondiscriminatory basis, educational opportunities for children. No person shall be denied the benefits of any education program or activity on the basis of race, color, disability, creed, national origin, age, or sex. Pursuant to the McKinney-Vento Homeless Assistance Act, all homeless children, migrants, and English language learners must have equal access to the same free appropriate public education provided to other children and youth. All programs offered by schools within the School System shall be open to all students in compliance with statutory and judicial requirements.

Inquiries or complaints regarding compliance with Federal Regulations may be directed to:

Elisa Harris, Federal Programs Coordinator, Homeless Liaison

Elisa Harris, Title IX Coordinator

Katie Black, 504/ Special Education Coordinator

305 College Street NE, Hartselle, AL 35640, 256-773-5419

ACADEMIC HONESTY POLICY:

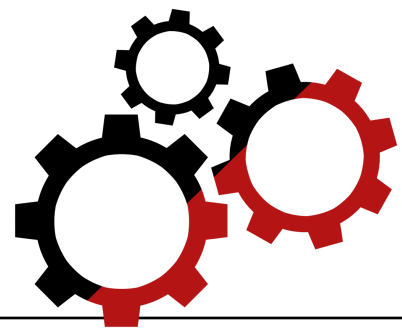
The purpose of this policy is to make students aware of situations that allow some students an unfair advantage over other students and to clarify the procedures to be followed when violations of the policy occur. Hartselle Junior High School wishes to outline what constitutes cheating so that students know their responsibilities:

1. **EXAMINATIONS:** Giving or receiving any form of information concerning a test before, during, or after that test without permission from the instructor is an act of cheating. The work on a test is to be the student's only.
2. **CLASSWORK/HOMEWORK:** Work that is expected to be the student's own should be solely his/hers unless the student credits the source(s) used. Exceptions to this rule are assignments that may be worked on collaboratively; it is the instructor's responsibility to clearly define the circumstances where this practice should be considered appropriate. Copying assignments or allowing assignments to be copied is a violation of the policy.
3. **PLAGIARISM:** Using someone else's work or ideas as your own without crediting the source is a form of cheating. To avoid this, a student should identify the source of the material, words, and ideas, which are not his/her original. Teachers will take responsibility for further explaining plagiarism as it relates to their classes. A student should always consult with a teacher when in doubt. Students may use advanced automated tools like AI or machine learning for assignments *with prior instructor approval*. Without permission, students must complete assignments independently, without significant help from others, including automated tools.
4. **POSSESSION:** Any information, written or electronic, that is in any way related to the material being tested without prior approval from the instructor is considered cheating.

Teachers are to report violations of academic honesty to administration and notify the parent. Consequences for the assignment will be determined by the teacher (no credit awarded; re-do the assignment; take a different make-up test/assignment, etc.). Should any further violation occur, additional consequences (detention or ISI) will be added by the principal and all exam exemptions are forfeited for that semester.

Mr. Grizzard's Classroom Expectations

2024-2025



1	Be Punctual – You should be seated at your desk and ready to begin at the bell! CTE Classes: “Clocked In”
2	Be Respectful – DO NOT touch or write on anything that does not belong to you (including desks, textbooks, teacher's belongings, walls, counter space, board, etc.) 1. <u>You respect me.</u> 2. <u>I will respect you.</u>
3	Language – I shouldn't have to say this... but refrain from the use of inappropriate language, and refrain from discussing inappropriate topics.
4	Cell Phones – If I SEE IT, I will take it from you! (Office Referral) A table/cell phone holder is provided to place them. If you have a tendency to be on your device, place it there.
5	Clean Learning Environment – You should clean up after yourselves, I expect you to act like a young adult, DO NOT leave a mess for me to clean after you leave.
6	Questions – QUESTIONS ARE ALWAYS WELCOME (if you need privacy, see me after class, or we can go into the hall)
7	Reading – You are expected to read the assigned material, so you are prepared to discuss/ be assessed on what you have read.
8	Assignments – You are expected to complete assignments when they are assigned. You are responsible for making arrangements to complete missed work when you have a valid documented excuse.
9	Restroom – You are strongly encouraged to use the restroom prior to the beginning of class; however, in the event that you need to be excused from class for this purpose, you may ask. Before leaving class, you must leave your phone on your desk. <u>Your phone cannot be taken with you.</u>

Overall Expectation, Remember the importance of a mindset for growth. You will get out of this class what you put into it. Come to class ready to learn, expect to be challenged, and be ready to academically grow. I look forward to guiding your success this year.

1st Occurrence- Verbal Warning.
3rd Occurrence- Guidance Referral.

2nd Occurrence- Parent Communication.
4th- Discipline Referral to Administration.

Mr. Grizzard reserves the right to elevate any of these consequences depending on the issue at hand, especially if the behavior involves respect or safety of the classroom.

Student: _____

2024-2025

Teacher: Mr. Zachary C. Grizzard Grade/Subject: 7th-8th Manufacturing - WBIB - Tiger Pride (circle)

Hartselle Junior High School Classroom Management Plan

Consistent with the HCS Code of Conduct, escalating consequences and interventions will be implemented for the behaviors below. Begin with the lowest level for the behavior, and if the student's behavior does not improve with that level consequence, escalate the disciplinary response to the next level in the chart for the behavior.

***Interventions and consequences listed in the Classroom Management Plan document.*

Behavior/Code of Conduct Offense	Response Levels/Date of Offense				
	Day-to-Day	Level 1	Level 2	Level 3	Level 4
1.01 Excessive Distraction: obstructs the teaching or learning process of others.					
2.19 Disorderly Conduct: intentionally disrupts, disturbs, or interferes with the teaching of students or disturbs the peace, order, or discipline of school.					
2.01 Defiance of Authority: willfully disobeyed an education employee.					
2.16 Directing obscene or profane language to a school board employee.					
2.09 Harassment, threats, extortion: threatened, abused, intimidated, or attempted to intimidate an education employee or another student.			(another student only)	(another student or employee)	

- If the offense starts with a Day-to-Day or Level 1, but rises to a Level 2-4, prior incidents, interventions, and consequences must be documented and attached to the “REPORT OF MISCONDUCT”. Without documentation, administration does not know to move the offense to a Level 2 or above.

- For Level 2 offenses or higher, the student may be sent to the office with a “REPORT OF MISCONDUCT” and excluded from the classroom. However, before referring a child with disabilities to the office for exclusionary discipline, first ensure that the student’s Individualized Education Program (“IEP”), Section 504 Plan, or Behavior Intervention Plan (“BIP”) have been followed.

I have read and fully understand all parts of this course syllabus AND in addition thereto, the Classroom Rules, Procedures, and Expectations:

****My signature below indicates my agreement to the Syllabus, Rules, Procedures, and Expectations of Mr. Grizzard's Classroom.****

Grade: 7 or 8 (Circle) Class Period you have Mr. Grizzard: _____

Student Printed Name (First/Last): _____

Student Signature: _____ Date: _____ - _____ -2024

Student Email: _____

PARENT/GUARDIAN Printed Name (First/Last): _____

PARENT/GUARDIAN Signature: _____ Date: _____ - _____ -2024

Preferred Contact Parent Email: _____

Preferred Contact Parent Phone Number : _____ Mobile: Yes No (Circle)

PARENT/GUARDIAN PHONE - Do You Accept Text Messages? Yes No (Circle)

THIS DOCUMENT WAS PREVIOUSLY SENT HOME WITHOUT A PARENT/GUARDIAN SIGNATURE LINE.

I apologize for any inconvenience

Do Not Write Below This Line

NOTES: _____

STUDENT HAS BEEN PROVIDED WITH A PRINTED COPY OF THE SYLLABUS & EXPECTATIONS.

IT IS ALSO PROVIDED IN THEIR GOOGLE CLASSROOM.