

SYLLABUS
CONSTRUCTION TRADES II
Mason High School
Erie, MI
2020-21

Instructor Information

Teacher: Mr. Lawn
Conf. time: 12:35 – 1:35
Email: lawn@eriemason.k12.mi.us
Phone: 734-848-9311

Course Information

Place: Room 109
Date: All year long
Days: Monday - Friday
Periods: 5th & 6th

Course Description

Each student will receive 1 credit as senior math credit or 1 credit as an elective. The student will learn many areas of the construction trades. The math will be related to construction trades. We will cover as many areas as possible giving the student knowledge of all aspects of constructions. The course will be lecture, discussion, book work, computer work, field trips, and hands on.

Class Goals

1. The student will learn Employability Skill & Technology Skills
2. The student will learn Building Construction Design.
3. The student will learn Residential Construction Techniques
4. The student will learn Site Preparation and Infrastructure
5. The student will learn Green Technology Construction Techniques

Grading

Grading will follow the new procedure for 9 week, exam, and semesters

First 9 weeks	40%
Second 9 weeks	40%
<u>Exam</u>	<u>20%</u>
Semester Grade	100%

Grading Distribution

Participation - daily	10%
Projects and Tests	70%
Bell Work	10%
<u>Quiz – once a week minimum</u>	<u>10%</u>
Total	100%

Grading Scale

A	100-90
B	89-80
C	79-70
D	69-60
F	59-0

Class Participation

IF YOU ARE NOT IN SCHOOL YOU CAN NOT PARTICIPATE IN CLASS

You receive 10 pts .per day and you will lose points for:

In Class

Absent 10 pts

Tardy 5 pts

Behavior 5-10 pts

Participation 5-10 pts

In Shop

Absent 10 pts

Tardy 5 pts

Behavior 5-10 pts

Participation 5-10 pts

Problem solving 5 pts

Safety glasses 5 pts

Safety problem 5-10 pts

Clean up 5 pts

Class Outline:

This class will meet 2 periods every day. The first period will be informational and the 2nd period will apply to lab or shop work (hands on).

1. Employability & Technology Skills (seg-3)
 - a. Skills needed to obtain a desired job
 - b. Technology skills for construction
 - c. Leadership & teamwork
 - d. Ethics & legal responsibilities
 - e. Career development
2. Building Construction Design (seg-6)
 - a. Designing vocabulary
 - b. Read, interpret, and use technical drawings for a specific project
 - c. Describe written standards & specifications
 - d. Knowledge of design in constructions projects
3. Residential Construction Techniques (seg-9)
 - a. Understand the sequence of constructing residential buildings
 - b. Correctly build essential home components
 - c. Identify & explore career opportunities

2nd Semester

1. Site Preparation & Infrastructure (seg-7)
 - a. Methods use for site planning
 - b. Methods for preparing, clearing, and grading a site
 - c. Types of soil
 - d. Utilities and utility markers
 - e. How to layout a site & building
2. Green Technology Construction Techniques (seg-10)
 - a. Construction trends related to green building practices
 - b. Site selection for green buildings
 - c. Home energy audits

Special Features

1. All students will take an online OSHA 10 hour course.
2. Classroom hours can be applied Builder License courses.
3. Students may receive College credit if they plan to continue toward a 2 year degree. We have articulation agreements with MCCC.

Safety Policies

- All students will follow all the classroom rules and shop safety rules. Failure to follow the rules may result in disciplinary action and/or removal from the class.
- Everyone must wear safety glasses in the shop at all times, whether working on a machine or not
- More shop safety rules will be discussed in class.

Lockers / Locks

Each student will pick 1 locker partner. I will assign them a locker in the shop and give them a lock for the duration of the class. They must return the lock and clean out the locker at the end of the class. If they lose the lock they will be charged \$5.00.

Media Devices

The use of Cell Phones, I-Pods, or any other audio/video devices is not allowed at any time in classroom or in the shop. This is a distraction and creates a safety hazard. The student will be disciplined by myself or the High School Office.

Missed Work:

Students will be given the time to make up missed work in accordance to the student handbook.

Cheating, copying, or doing assignments for others....

Student will receive a 0 for the assignment and not be able to redo the assignment (see student handbook for academic dishonesty).

Extra credit

Extra credit will not be give for any reason.

This syllabus is just a guide and the teacher reserves the right to make changes (if needed) at anytime.

Dear Parent(s),

Please take the time to review this class syllabus with your student. It is my hope that it will provide you with a greater level of information regarding your student's education. The syllabus includes my email address and phone number to increase parent communication. Please feel free to contact me if you have any questions.

Keep the first 3 pages for future reference...Return this signature page so your student may receive full credit this Friday.

My student and I have read this class syllabus

Student Name: _____ Date: _____

Student Signature: _____

Parent/Guardian Name: _____

Parent/Guardian Signature: _____

(Optional)

Phone _____ Email address _____