

2024-2025  
MR. BROADHURST / MR. B'S CLASS  
Building Construction

**COURSE-DESCRIPTION:**

BUILDING CONSTRUCTION I & II is the building block for achieving high-level construction industry skills that can result in an exciting and lucrative career, with a big emphasis on SAFETY. All students will take the OSHA 10 COURSE. Students are taught how to use hand tools and power tools. Students will learn how to cut stock wood from a tree, learn Construction Mathematics, and how to interpret blueprints. Students will become proficient in identifying different types of residential construction components consisting of foundations, framing, flooring, sheetrock, roofing, doors, decks, and porches. Students will gain in-depth knowledge and hands-on experience in construction skills. Throughout this school year they will find a trade that they will love.

**COURSE OUTLINE / NCCER CORE / NCCER CONSTRUCTION:**

1. Basic safety
2. Understanding to construction math
3. Introduction to hand tools
4. Introduction to power tools
5. Introduction to construction drawings and how to read said drawings
6. Basic communication skills and customer service skills
7. Basic employability skills
8. Introduction to material handling and how to carry material
9. Perform a level of carpentry skills
10. Identify elements of foundation and forms and how to build forms
11. Identify elements of floors, walls, ceilings and roofs

**SCHOOL GRADING SCALE:**

A = 100-90  
B = 89-80  
C = 79-70  
D = 69-60  
F = 59 and below

**GRADING CATEGORIES:**

Competencies 33%  
Related Instruction 33%  
Employability Skills 34%

**RULES:**

1. Be on time. If you are going to be late, please notify me and the Front Office with a phone call or email.
2. ABSOLUTELY NO CELL PHONES IN CLASS OR SHOP. ALL PHONES WILL BE KEPT IN THE PHONE BOX.
3. NO HORSE PLAY!
4. Clean up ten minutes prior to the end of each class period. No laptops should be out during class except on Wednesdays. The responsibility of the laptop belongs to the student.
5. Do not touch machines or tools until you have passed the safety test and the Instructor has granted permission to use.
6. Personal protection equipment (PPE) should be worn upon entering the classroom. No shorts, pajamas, flip flops, crocs, house slippers shall be allowed. You may wear jeans or khaki pants, steel toe or composite boots.
7. Proper safety gear must be worn in the shop area.
8. Remember to treat others the way you want to be treated! RESPECT EVERYONE!!!

**DISCIPLINE:**

If a student has a problem in class, the student will receive a verbal warning. If the problem continues, the parents will be notified. If that does not solve the problem, the student will report to the principal. If the offense is severe they may be sent to the principal the first time.

**MATERIALS FOR CLASS:**

Students must make up excuses within 5 working days of returning to class. The teacher will consider all absences unexcused until the student brings a note. Students' grades will be reflected in the days they miss. Construction class is like a job. A person cannot learn or contribute unless they are present.

**CLASS FEES:**

Student Organization:	\$17.00
Coveralls:	\$50.00
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Total;	\$67.00

STUDENTS WILL BE REQUIRED TO PASS THE SAFETY TEST WITH 100% BEFORE ENTERING THE SHOP AREA FOR WORK

Student's signature: \_\_\_\_\_

Parent's signature: \_\_\_\_\_ Telephone number: \_\_\_\_\_