

2025-2026

Plumbing and Pipefitting

Instructor: Mr. Whalen

...Take a deep breath and switch off your ego. Remember if you are easily offended, you are easily manipulated...

COURSE -DESCRIPTION:

Following the NCCER Curriculum for Core and Plumbing Level 1, students will learn how to be excellent 1st year plumbing apprentices, through hands-on competencies and online theory. Students will complete all theory assignments online in Pearson.

COURSE OUTLINE /Plumbing

1. Basic safety
2. Understanding 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
9. Perform a level of plumbing skills
10. Learn very basic carpentry and electrical skills

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. **NO CELL PHONES IN CLASS OR SHOP.** All phones will be kept in the phone box. No headsets, earbuds, or smart watches. New Horizons or I will not be responsible for any of your electronic devices. The first time caught with phone we will talk. The 2nd time will result in a 2500-word essay. The 3rd time administration will be contacted.
2. **NO HORSE PLAYING IN THE SHOP OR CLASSROOM.**
3. Clean up ten minutes prior to the end of each class period. No laptops should be out during class except during instruction. The responsibility of the laptop belongs to the student. This

INCLUDES making sure it is charged before coming to class. We do not have enough outlets for you to charge your computer every day.

4. Do not touch machines or tools until you have passed the safety test and the instructor has granted permission to use.
5. **Personal protection equipment (PPE)** should be worn upon entering the Lab. No shorts, pajamas, sweats, flip flops, Crocs, or house slippers. You may wear jeans or other types of pants, steel-toe or composite shoes/boots. Proper safety gear must be worn in the shop area. If you are not wearing proper PPE, you will sit in the classroom along the window wall, so that you can safely observe the day's lesson; however, you will lose all employability points for that day.
6. Remember to respect everyone!
7. Make sure you have your materials every day in class; consistently asking for paper or pens is disruptive to class. Maintain a 3-ring binder for handouts. We do have lockers where you can keep your school materials, boots and work clothes. You are expected to have them on/ready before the beginning class bell rings.
8. Be attentive during instruction.
9. Complete assignments on time. You will have a deadline to complete each project.

DISCIPLINE:

Follow the guidelines in the Student Rights and Responsibilities Handbook.

CLASS MATERIALS:

Students must make up all work even if absences are excused within 5 working days of returning to class. All absences are unexcused until the student brings a note. Students' grades will be reflected in the days they miss. A person cannot learn or contribute unless they are present.

CLASS FEES:

Activity Fee:	\$17.00
Uniform:	\$55.00
TOTAL:	\$72.00

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: _____

Date: _____