

2018- 2019
CONSTRUCTION 1
Teacher: Tim Extine

Course Description: Carpentry I is the building block for achieving high-level construction industry skills that can result in an exciting and lucrative career. With an emphasis on safety, students are taught to use hand and power tools, cut stock, apply construction mathematics, and interpret blueprints. Students will become proficient in identifying types of residential construction components to form foundations and frame walls, floors, ceilings, roofs, doors, and windows. All students will obtain the required OSHA 10 safety credential

- Course Outline:**
1. Basic safety
 2. Introduction to construction math
 3. Introduction to hand tools
 4. Introduction to power tools
 5. Introduction to construction drawings
 6. Basic rigging
 7. Basic communication skills
 8. Basic employability skills
 9. Introduction to material handling
 10. Perform basic carpentry skills
 11. Identify elements of foundation and forms
 12. Identify elements of floors, walls, ceilings, and roofs

Grading: 30% (Tests), 40% (Quizzes & Daily Classwork/ Participation), 30% (Employability Skills)

School grading scale

A=90-100

B=80-89

C=70-79

D=60-69

F=0-59

Class Rules:

- Be on time.
- Remain in class until the bell rings.
- **No horseplay.**
- No profanity.
- No food or drinks in class or shop area.
- Clean up ten minutes prior to the end of each class period.
- No laptops should be out during class (the responsibility of the laptop belongs to the student)
- Do not touch machines or tools until instructor tells you to.

- Proper gear must be worn in the shop area
- **Remember to treat others the way you want to be treated!**

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 discipline office. If the offense is severe they may be sent to discipline the first time.

Materials for Class: Notebook
Pencils and pens

Make-up Work: Students must make up excused work within 3 working days of returning to class. The teacher will consider all absences unexcused until the student brings a note from guidance. Students' grades will be reflected in the days they miss. Construction class is like a job. A person can not learn or contribute unless they are present.

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: _____

IC22 CARPENTRY II

PACING GUIDE

DATES OF INSTRUCTION		Essential	Units, Essential Standards, and Indicators (The Learner will be able to:)	DAYS	Course Weight
START	END				
			Total Course Weight (Contact Hours)		135 hrs.
		1.00	Apply Roof Framing Procedures (Module 27107-06)	25.00	37.5
		2.00	Apply Roofing Applications (Module 27202-07)	16.67	25
		3.00	Understand Thermal and Moisture Protection (Module 27203-07)	5.00	7.5
		4.00	Understand Introduction to Weatherization (Module 59101-10)	11.67	17.5
		5.00	Apply Windows and Exterior Doors Installation (Module 27109-06)	8.33	12.5
		6.00	Apply Exterior Finishing (Module 27204-07)	23.33	35
		Note	Hours Have Been Built into This Course to Provide The Teacher and Students Increased Lab Time.		TBD
				90.00	