



**STEEL CENTER**  
FOR CAREER AND TECHNICAL EDUCATION

# SYLLABUS

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## **Carpentry: CIP 46.0201**

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**Program Description:** An instructional program that prepares individuals to apply technical knowledge and skills to lay out, fabricate, erect, install and repair structures and fixtures using hand and power tools. This program includes instruction in common systems of framing, construction materials, estimating, blueprint reading and finish carpentry techniques. A high level of professionalism is expected in the class. Math and note taking is required.

### **Instructional Goals:**

Students will develop physical and mental knowledge throughout this course.

Areas of focus will be mathematics, angles, miters, joints, hand tools / power tools, safety, production, and accurate installation. The year's focus will be mainly on framing and the initial steps involved with constructing a residential property.

Students will work toward achieving industry certificates such as American Ladder Institute, CPR, Stop the Bleed, PBA skills, OSHA-10 if applicable.

Students will perform hands-on projects.

### **Primary Resources:**

*Pearson, NCCER. Core Curriculum: Introductory Craft Skills Trainee Guide Fifth Edition*

*Pearson, NCCER. Carpentry 2 Curriculum.*

### **Secondary Resources:**

Computer-based applications and content-relevant articles/materials selected upon teacher discretion.

**Daily Required Material /Items:**

- All students are to show up on time, ready to learn.
- All students are required to have a pen/pencil.
- Program Uniforms and Blue Jeans are required.
- Work Boots are required.
- Safety Glasses, MUST be on at all times during shop work.

**Assessment and Evaluation:**

All tests, quizzes and projects will be graded using Steel Center's grading scale:

<b>90-100:</b>	<b>A</b>
<b>80-89:</b>	<b>B</b>
<b>70-79:</b>	<b>C</b>
<b>60-69:</b>	<b>D</b>
<b>0-59:</b>	<b>E/F</b>
<b>Incomplete:</b>	<b>I</b>

**Measures of Achievement:**

1. **Work Ethics (daily grade):** This grade accounts for 34% of the student's total grade. The scale is a 0-10 based on preparation, participation, behavior, and productivity or time on task.
2. **Task Attainment:** This grade accounts for 66% of the student's total grade. It measures the student's knowledge and skills listed on the PDE task list.

**Assignments/Timeline:**

- Quizzes and tests are assigned throughout the year and throughout units to measure understanding.
- Formal papers will be written at various times throughout the school year.
- Hands on projects will be graded upon completion.
- There will be group work and individual work.

**Other grading factors:**

- Following classroom rules
- Be ready for work by dressing professionally
- Lock your valuables in your locker
- Electronic devices may only be used with permission from the teacher to take pictures of projects or participate in learning activities
- Respect other's personal space

# Classroom Rules

## CARPENTRY SAFETY RULES AND PPE REQUIREMENTS

1. Eye protection must be worn at all times in the shop.
2. Hard hats must be worn at all times in the shop. (as directed by instructor)
3. Long pants and boots must be worn at all times in the shop. **NO SLEEVELESS SHIRTS.**
4. *Be aware of your own safety and the safety of those around you.*
5. Power tool usage is only permitted after **SAFETY FORM** has been issued once **SAFETY TEST** has been passed.
6. Phones and horseplay are **NOT PERMITTED** in the shop.
7. Report broken equipment to instructor immediately.
8. Report injuries to instructor immediately.
9. Follow Cell Phone Policy ( **THERE ARE TO BE NO CELL PHONES IN THIS CLASS** )
10. Students must have emergency cards turned in before working in the shop. **NO EXCEPTIONS.**
11. Bathroom Hall Pass must be signed in and out.
12. Bathroom Hall pass time limit is maximum 10 minutes.
13. Failure to follow **CLASSROOM RULES** will result in consequences as written in the **STUDENT HANDBOOK.**
14. Follow any other directives by the Instructor or Substitute Instructor.

This document is to revisit some of the most disobeyed classroom rules for the Carpentry class at Steel Center. Your signature verifies that you are aware that these rules exist and that appropriate actions in line with the Steel Center Student Handbook can and will be enforced upon breaking of these rules.

1. Being in your seat, in the shop or work area by the ringing of the first bell. This does not mean being in the locker room changing when the bell rings. If a bus arrives late, the rule is waived.
2. Students are not to be disruptive during active instruction. If the Instructor or Substitute Instructor is speaking students must remain quiet unless permitted.
3. Keeping phones, headphones and devices out of sight during active instruction or work.
4. Not using the hall pass correctly. Students may use the pass only after asking permission and then signing out and then back in after they return to class.
5. Dress code. Students must follow the acceptable dress code as listed in the student handbook.
6. Refer to all discipline levels and infractions listed in the student handbook.