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.

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. Students will work toward achieving a PA Skills Certificate through the end of the year test of NOCTI. This test will be referenced throughout the year. Students will perform hands-on projects. The teacher will provide accurate information and demonstrate for students the productive procedure during assembly projects.

Primary Resources:


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 and colored pencils.
- Program Uniforms and Blue Jeans are required.
- Work Boots are required.
- Hard Hat, Safety Glasses, Tool Belts, MUST be on at all time during LAB work.

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

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>93-100</td>
<td>A</td>
</tr>
<tr>
<td>85-92</td>
<td>B</td>
</tr>
<tr>
<td>77-84</td>
<td>C</td>
</tr>
<tr>
<td>70-76</td>
<td>D</td>
</tr>
<tr>
<td>&lt;70</td>
<td>E/F</td>
</tr>
</tbody>
</table>

Incomplete:  I

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. **Skills Grade (task grade):** This grade accounts for 33% of the student’s total grade and is comprised of the evaluation and recording of lab activities the students are assigned each marking period. The scale is a 0-10 base.
3. **Knowledge Grade (test and assignment grade):** This grade accounts for 33% of the student’s total grade. The knowledge grade will include but not limited to homework, quizzes, JSA’s, weekly logs, midterm, and final exams.

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.

Other grading factors:
- Be respectful, only one person talks at a time
- Be attentive and move safely in the classroom and the lab
- 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/Shop Rules:

1. Be Prompt.
2. Be Prepared.
4. Be Productive.

Consequences:

1. Warning and point deduction of daily grade
2. Parental contact and point deduction
3. Office referral and point deduction