Tool Proficiency Project: *Table Saw and Panel Saw*

**Instructions for Lab Assistant:**

**Before You Begin This Proficiency Assessment:**

- Watch the training videos for the equipment upon which you will be demonstrating your proficiency
  - Table Saw: [https://www.youtube.com/watch?v=Lxi8EWBWcOU](https://www.youtube.com/watch?v=Lxi8EWBWcOU)
  - Panel Saw: [https://youtu.be/_0knxzBFe5E](https://youtu.be/_0knxzBFe5E)
- Read and understand all safety instructions associated with the equipment

**Supplies Required:**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>Table Saw</em></td>
</tr>
<tr>
<td>1</td>
<td><em>Panel Saw</em></td>
</tr>
<tr>
<td>1</td>
<td><em>4x8 sheet of ¼” plywood</em></td>
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<tr>
<td>1</td>
<td><em>~1’x2’ piece of ½” plywood or similar</em></td>
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<tr>
<td>1</td>
<td><em>Tape Measure</em></td>
</tr>
<tr>
<td>1</td>
<td><em>Square</em></td>
</tr>
<tr>
<td>1</td>
<td><em>Pencil</em></td>
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</tbody>
</table>

**Proficiencies to Demonstrate:**

Proper utilization of all personal protective equipment

Panel Saw:
- Setup for crosscut
- Measure to account for blade thickness
- Appropriate hand placement while cutting
- Waiting to retract saw until the blade has stopped

Table Saw:
- Setting blade height
- Setting blade angle
- Proper use of pusher block
- Proper use of crosscut sled
- Determine if material to be cut is conductive
- Hand placement while cutting
- Position to stand while cutting

**YOUR TASKS**

- Cut a 10” x 20” rectangle from ½” plywood
- Cut the ¼” Plywood sheet to size for use in the Boss laser cutter (crosscut into equal thirds, within ¼”)*