

Elizabethtown Area School District  
Scope & Sequence - Quick Reference



**Department:** Applied Engineering & Technology Education, 18 Weeks

**Course:** Advanced Wood Technology

**Grade Level(s):** 10 -12

<b><i>Unit Title</i></b>	<b><i>General Topic(s)</i></b>	<b><i>Pacing</i></b>
1. Planning & Design	<ul style="list-style-type: none"><li>● Form vs. Function</li><li>● Working Drawings</li><li>● Selecting &amp; Identifying Materials</li><li>● Bill of Materials</li><li>● Woodworking Processes and Operations</li></ul>	1 Week
2. Safety	<ul style="list-style-type: none"><li>● General Lab Safety</li><li>● Personal Protective Equipment (PPE)</li><li>● Machine Specific Safety</li><li>● Lab Maintenance</li></ul>	1 Week
3. Joinery	<ul style="list-style-type: none"><li>● Measurement</li><li>● Marking and Layout Techniques and Tools</li><li>● Wood Joints</li><li>● Woodworking Tools and Machines</li><li>● Jigs and Fixtures</li></ul>	6 Weeks
4. Construction & Assembly	<ul style="list-style-type: none"><li>● Squaring A Board</li><li>● Door Construction</li><li>● Drawer Construction</li><li>● Table &amp; Cabinet Construction</li><li>● Gluing &amp; Clamping</li><li>● Fixing Woodworking Mistakes</li></ul>	6 Weeks

5. Hardware & Fasteners	<ul style="list-style-type: none"><li>● Hardware</li><li>● Fasteners</li><li>● Layout &amp; Installation Techniques</li></ul>	2 Weeks
6. Staining & Finishing	<ul style="list-style-type: none"><li>● Preparing For A Finish</li><li>● Applying Stains &amp; Finishes</li></ul>	2 Weeks