


Architectural Technology Agenda

Week 5/6 March

Date	Classwork	Homework
Monday	<ul style="list-style-type: none">● Bandsaw Safety Quiz● Drill Post Holes● Set Posts	None
Tuesday	<ul style="list-style-type: none">● Drill Posts Holes● Set Posts● Install cross members	None
Wednesday	<ul style="list-style-type: none">● Set Posts● Install Cross members	None
Thursday	<ul style="list-style-type: none">● Roof Styles Presentation	None
Friday	<ul style="list-style-type: none">● Truss Drawing	None

Weekly Learning Objectives & Content Standards

March Week 5/6

Learning Target/Standard	Performance Task	Success Criteria
<p> Basic Drawing Skills 15.1301</p> <ol style="list-style-type: none"> 1. Identify and use tools and equipment 2. Read and transfer measurements 3. Demonstrate sketching techniques (e.g. freehand lettering) 4. Demonstrate entry level skills (e.g. drafting by hand, working with triangles, and working with T-square) 5. Demonstrate basic layout drawing (e.g. borders and information blocks) 6. Use line types and weights 7. Use geometric construction principles 8. Demonstrate the proper use of drawing instruments and equipment 	<p>Students will use an Architectural Scale to transfer measurements from prescribed plan/design to accurately measure and build a foundation with posts for their scale model pole barn.</p>	<p>The foundation model is accurately created based on the measurements provided, and will be able to be built upon.</p>
<p>A. Apply safety regulations 48.0701</p> <ol style="list-style-type: none"> 1. Understand basic safety equipment 2. Understand and demonstrate proper usage of tools and machines 	<p>Students will receive instruction on how to safely use the band saw. They can then demonstrate themselves how to safely use the machine.</p>	<p>The student will be able to pass a written safety assessment.</p>
<p>A. Introduction to Architectural Drawings 15.1301</p> <ul style="list-style-type: none"> ● Produce elevation drawings ● Construct architectural symbols ● Produce floor plans ● Identify architectural design and planning principles ● Identify basic construction terminology and materials 	<p>Students will use an Architectural Scale to transfer measurements from prescribed plan/design to accurately measure and draw a truss drawing for their scale model pole barn.</p>	<p>The drawing is accurately created based on the measurements provided, and will be able to be used as a working drawing</p>

*State of Michigan CTE Content Standards Covered: **15.1301 Architectural Design, Engineering, Wood Technology 48.0701**