

<b>Course:</b> Carpentry	<b>Grade:</b> 9-12
<b>Instructor:</b>	<b>CIP Code:</b> 460201
<b>Unit:</b> Unit 7	<b>Title:</b> Acoustical Ceilings
<p><b>Knowledge, Content and Skills:</b> Interpret reflected ceiling plan. Identify acoustical ceiling components, grid patterns, and installation height. Procedure for determining equal borders.</p>	
<p><b>Performance objective:</b> Students will identify and install acoustic ceiling grid and ceiling panels. Students will practice cutting metal grid with aviation snips and ceiling panels with a utility knife, and appropriate use of scaffolding to reach ceiling heights.</p>	
<p><b>Competency:</b> 1. Identify and demonstrate the procedures and policies of safety in the trade. 2. Explain basic riggings and describe inspection techniques and load handling safety practices with proper use of ladders and scaffolds. 3. Demonstrate use of appropriate personal safety equipment and proper use of emergency equipment.</p>	
<p><b>Common Core:</b> Listening: Students will demonstrate the ability to listen and view critically for variety of purposes. Reading Informational Texts Competency: Students will demonstrate the ability to comprehend, analyze and critique a variety of increasingly complex print and non-print informational texts.</p>	
<p><b>Tools, supplies and reference materials:</b> Water level or laser, chalk line, Screw gun, aviation snips, type S drywall screws, scaffold or ladders, Ceiling grid materials, i.e., wall angle, main, hanger wire, cross T's 4' and 2'. Career Connections Project Book 3 Commercial pages: 347- 388.</p>	
<p><b>Methods of instruction:</b> Demonstration on how to install acoustical ceiling, including, metal grid and ceiling panel cutting techniques. Lecture on how to determine equal boarders- using power point presentations. Field trip to a local jobsite or the Union Training Hall to see the task performed by professional carpenters.</p>	
<p><b>Task analysis or activities:</b> Students will be able to: Determine ceiling height, layout and install grid using hanger wire, and install ceiling panels.</p>	
<p><b>Evaluation:</b> Students will be graded on their use of time, safety methods, quality of work, cleaning and organization of their work area, interaction with other students, and employability skills. Evaluate student work using the rubrics page: 389.</p>	
<p><b>Instructor's Notes:</b></p>	