

Carpentry Lesson Plan

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| Course: Carpentry | Grade Level: 9-12 |
| Instructor: | CIP Code: 460201 |
| Unit: Hand Tools | Title: Measuring, Marking and Layout Tools |
| <p>Knowledge, Content and skills: Students will be able to: identify measuring and marking tools, describe the use and maintenance of each. Students will gain knowledge on why tools are important.</p> <p>Performance objective: To become familiar with each measuring, marking and layout tools by completing the lead up exercises and practicing using the tools and discussing with their peers.</p> | |
| <p>Competency Standard: 9. Demonstrate proper safety and use of commonly used hand tools. 43. Demonstrate mathematical and computation skills as applied to real world situations. 44. General Safety: Demonstrate and apply safe practices and procedures in the workplace.</p> | |
| <p>Common Core: ELA—Reading: Students will demonstrate the ability to comprehend, analyze, and critique a variety of increasingly complex print and non-print informational texts-including science, social studies and technical subjects. MATH—Students will solve problems involving spatial reasoning using properties of 2- and 3-dimensional figures to analyze represent, and model geometric relationships in pure/theoretical and authentic applied contexts</p> | |
| <p>Tools, supplies and reference materials: Hand Tools: Tape measure, Combination square, speed square, compass, protractor, sliding T-bevel, Framing square, straight edge and chalk line. Career Connections Project Book 1 pages: 26-55. (Enough for each student or small group)</p> | |
| <p>Methods of instruction: Demonstration on how to identify and use and maintenance of each tool, lecture on safe work habits and respect for tools, reference to the Career Connections Book 1, and hands-on practice with each tool. Estimated time: 2 hrs. Number of students: 10-15</p> | |
| <p>Task analysis or activities: Students will work in small groups at shop tables, with all the previously mentioned measuring tools, working together to complete "Lead-up Exercises" for each tool, pages: 31-52. Encourage students to help each other as they progress. Students are to complete "Chapter Check" on page 52.</p> | |
| <p>Evaluation: 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, employability skills, manipulative skills assessments and written evaluations.</p> | |
| <p>Instructors Notes:</p> | |