

Student Name: \_\_\_\_\_ District: \_\_\_\_\_



**Skill Alignment Chart for:  
Welding Technology - CIP Code: 48.0508**

**BCTC West Campus**

<b>Program Highlights</b>	<b>Notes</b>
<b>Program Safety &amp; Physical Considerations</b> <ul style="list-style-type: none"><li>• A focus on safety around welding equipment, hand tools, power tools and other equipment found in the industry</li><li>• Able to lift 50lbs</li><li>• Ability to work independently, read and follow directions</li><li>• Eye/hand coordination</li><li>• Stamina to stand for long periods of time</li></ul>	
<b>Industry Certifications</b> <ul style="list-style-type: none"><li>• OSHA</li><li>• AWS Sheetmetal</li><li>• Other AWS certifications if progression through the program allows.</li></ul>	
<b>Reading &amp; Language Arts Levels</b> 10 <sup>th</sup> grade level	
<b>Math Level / English Level</b> <ul style="list-style-type: none"><li>• Ability to read and use a ruler</li><li>• Decimals, Fractions, Percents</li><li>• Metric</li><li>• Weights/measurements</li></ul>	

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Program Highlights	Notes
<b>Lecture Time</b> <ul style="list-style-type: none"><li>Approximately 40 minutes per day</li></ul>	
<b>Homework</b> <ul style="list-style-type: none"><li>2 times per week</li></ul>	
<b>Tasks Per Week</b> <ul style="list-style-type: none"><li>25-30 tasks per year, but tasks per marking period vary</li></ul>	
<b>Tests</b> <ul style="list-style-type: none"><li>Approximately 1 test/quiz per week</li><li>Math</li><li>Blueprints</li></ul>	
<b>Study &amp; Other Skills</b> <ul style="list-style-type: none"><li>Ability to work with a team and independently to complete projects</li><li>Able to convert 2 dimensional drawings into 3 dimensional projects</li><li>Basic computer skills</li><li>Mechanical drawing</li></ul>	

This sheet is designed to give you a better idea of course requirements. This is for your information only. If you have any questions about anything on this sheet, please do not hesitate to **contact your counselor**.