Grade	**Grade 12**
Unit of Study	**L. Create gas tungsten arc welds consistent with industry and safety standards on aluminum, carbon steel, and stainless steel.**
Length of Unit	12 - Weeks

Missouri Learning Standards
1. Describe gas tungsten arc welding theory
2. Identify, select, and set up equipment and explain function
3. Identify and select shielding gasses
4. Identify, select, shape, and install tungsten electrode
5. Adjust polarity, pulse, current, gas flow setting, and post flow timer and strike arc
6. Identify joint design and prepare material for weld procedure specification (WPS)
7. Select filler rod for base material
21. Identify gas tungsten arc welding problems, their causes, and take corrective action
22. Prepare gas tungsten arc weld for test

Unit {#}: Learning Targets
{I can...}
{I can...}
{I can...}

Intervention and Enrichment
{Text}

Assessments	
MLS (Learning Goal)	**Description or Location**
● {Standard text}	{Name of Folder} folder
● {Standard text}	{Name of Folder} folder

Vocabulary			
{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}

Instructional Materials
Demonstrations by instructor also Welding Principles And Practices (McGraw Hill)

Additional Instructional Resources
See {Name of Folder} folder

Reflections for Future Revisions
{Text}