

Curriculum Learning Outcomes

80% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).

To receive two (2) of three (3) college credits, the following outcomes will be addressed in the course:

1. Analyze MIG welding
2. Analyze Gas welding
3. Identify procedures for safe handling of high-pressure gas cylinders
4. Apply industry-standard welds
5. Perform proper MIG welding techniques
6. Adjust welders
7. Determine the correct welder type (electrode, wire type, diameter, and gas) to be used in a specific welding situation
8. Explain and demonstrate proper safety procedures when welding on vehicles with electronic modules

Reference Textbook

Please go to www.hennepintech.edu for the most recent text.

Course Assessments

*A score of **80% or better** is required to qualify for Articulated College Credit.

Recommended Industry-Recognized Certifications Or Comprehensive Assessments – College & High School

Certifications/Assessments	Vendor	Further Information
Welding Technician – Entry (595E)	Precision Exams	https://www.precisionexams.com/minnesota/files/standards-pdfs/(595E)ks.pdf
Welding	SkillsUSA Career Essentials	http://www.careeressentials.org/wp-content/uploads/2017/07/Welding_blueprint.pdf