

WELDING AND ROBOTIC TECHNOLOGY CERTIFICATE IN APPLIED SCIENCE

Program Description

This program prepares welding graduates for testing and certification for local metal fabrication shops, maintenance welding and construction pipe welding.

Embedded Certificate

This program contains one or more embedded certificates which will automatically be awarded if the certificate requirements are met unless the student completes and submits the Program of Study Change Form (https://www.gvltec.edu/admissions_aid/student_forms/) requesting to opt out of the embedded certificate.

Mission Statement

The Welding Technology program will equip graduates with knowledge and training to provide skilled support in specialized and robotic welding for the manufacturing and construction industries. Students are encouraged to stay well informed of changing technologies through continued lifelong learning.

Entrance Requirements

High school diploma or GED not required.

Type of Program

Day, evening or weekend

Requirements for Completion

A grade of "C" or higher in all courses is required.

Location

With the exception of WLD 103 Print Reading I, WLD 110 Welding Safety and Health and WLD 141 Weld Quality, which are only offered online, classes in this program are located at Greenville Tech's Barton and Brashier campuses.

Professional Credentials

Certified Welder (subject to passing exam)

Employment Opportunities

Self-employed, sheet metal fabrication, construction, plant maintenance, auto body welding and all other types of welding industry

Visit our web page at <https://www.gvltec.edu/welding/>.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for recommended evening schedules.

Preferred Sequence

First Semester		Hours
WLD 111	Arc Welding I	4
WLD 132	Inert Gas Welding Ferrous	4
WLD 102	Introduction to Welding	2
WLD 103	Print Reading I ¹	1
WLD 110	Welding Safety and Health ¹	1
Total Semester Hours		12
Second Semester		
WLD 113	Arc Welding II	4
WLD 135	Inert Gas Welding of Aluminum	4
WLD 171	Print Read & Sketch for Struct Welding	4
Total Semester Hours		12
Third Semester		
WLD 235	Robotic Welding I	2
WLD 240	Robotic Welding and Manufacturing	4
WLD 160	Fabrication Welding	3
WLD 107	Welding Codes and Procedures	3
Total Semester Hours		12
Total Required Credit Hours		36

¹ Online class