

Welding Technology Certificate
(39 semester credit hours)

A certificate program offered by the Division of Workforce Development, Continuing Education, and Distance Learning.

The Welding Technology Certification (WTC) Program is designed to prepare individuals for a career as a welding technician in the fabrication, construction and manufacturing industries. This includes hands-on skills development in the application of SMAW, GTAW, GMAW, FCAW and SAW process, in all positions, using pipe, plate and structural shapes. The Welding Technology Certificate curriculum also includes basic metallurgy and inspection procedures. The WTC program prepares the student for entry-level employment as a structural welder or welding technician.

To receive a certificate, the student must maintain an overall GPLA of 2.0.

Entrance Requirements:

Applicants must be high-school graduates or have satisfactory scores on the Test of General Education Development (GED).

Course	Course Title	Semester Hours
First Semester		
WLDG 1428	Intro to Shielded Metal Arc Welding	4
WLDG 1417	Intro to Layout and Fabrication	4
WLDG 1413	Intro to Blueprint Reading	4
		12 semester hours
Second Semester		
WLDG 1434	Intro to Gas Tungsten Arc Welding	4
WLDG 1457	Intermediate Shielded Metal Arc Welding	4
WLDG 1435	Intro to Pipe Welding	4
		12 semester hours
Third Semester		
WLDG 2380	Cooperative Education	3
WLDG 2453	Advanced Pipe Welding	4
WLDG 2447	Advanced Gas Metal Arc Welding	4
WLDG 2451	Advanced Gas Tungsten Arc Welding	4
		15 semester hours