

WELDING TECHNOLOGY – LEVEL 2



Certificate

34 Semester hours

Career & Technical Education • 1-Year Certificate • Minimum 2.0 OGPA • Major Code: CWT2

Fall Semester		Credit Hrs
WELD 112	Metallurgy/Blueprint Reading	4
WELD 131	Arc Welding I	3
WELD 132	Gas Welding & Cutting	3
WELD 133	Low Hydrogen I	3
Total Hours		13

Spring Semester		Credit Hrs
WELD 134	Low Hydrogen II	3
WELD 137	Pipe Welding	3
WELD 139	TIG Welding	3
WELD 151	MIG Welding	3
Total Hours		12

Spring Semester		Credit Hrs
WELD 138	Industrial Welding	6
WELD 192**	Extended Welding Certification	3
Total Hours		9

These courses are all taught in eight- week units except WELD 138.

This course includes preparation for the **AWS Certification Exams.

SPECIAL FACILITIES: The Welding Lab is located in the Robert I. Gregg Technology Center. The well-equipped lab is updated and maintained for quality training and instruction.

SPECIAL REQUIREMENTS: Students will need the following items: ear plugs, welding goggles, welding gloves, a welding helmet, and appropriate welding clothing and shoes that will provide protection from rays, sparks and hot metal fragments. Protective clothing and safety glasses must be worn at all times while in the Welding Lab.

Occupational information about this program is available at O*NET online www.onetonline.org. Once at that website enter the SOC Code that is listed for this program.

O*NET – SOC Code:

51-4121.00

51-4121.06

51-4121.07

51-4122.00

This is a Gainful Employment Certificate Program that prepares the student for gainful employment in a recognized occupation. Information regarding program length, cost, average loan debt and completion rates for this program is available at http://www.sic.edu/ge_welding_technology_level2. You may also access Gainful Employment information from the SIC home page by selecting “Your Right to Know” from the footer of the page, and then selecting the Gainful Employment Programs option.

Career Opportunities:

Welding Technician

Major Employers:

Metal Product and Transportation Equipment Manufacturers, Construction Firms, Fabrication Industries, Mining Companies, Machine Shops