

# Welding and Joining Technology WAJ2

## Type

Diploma

The Welding and Joining Technology diploma is designed to prepare students for careers in the welding industry. Program learning opportunities develop academic, technical, professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes welding theory and practical application necessary for successful employment. Program graduates receive a Welding and Joining Technology diploma, have the qualifications of a welding and joining technician, and are prepared to take qualification tests.

## Basic Skills — 8.00 Hours

Item #	Name	Credits
<a href="#">MATH 1012</a>	Foundations of Mathematics	3
<a href="#">ENGL 1010</a>	Fundamentals of English I	3
<a href="#">EMPL 1000</a>	Interpersonal Relations & Professional Development	2

## Occupational Courses — 46.00 Hours

Item #	Name	Credits
<a href="#">WELD 1000</a>	Introduction to Welding Technology	4
<a href="#">WELD 1010</a>	Oxyfuel and Plasma Cutting	4
<a href="#">WELD 1030</a>	Blueprint Reading for Welding Technology	4
<a href="#">WELD 1040</a>	Flat Shielded Metal Arc Welding	4
<a href="#">WELD 1050</a>	Horizontal Shielded Metal Arc Welding	4
<a href="#">WELD 1060</a>	Vertical Shielded Metal Arc Welding	4
<a href="#">WELD 1070</a>	Overhead Shield Metal Arc Welding	4
<a href="#">WELD 1090</a>	Gas Metal Arc Welding	4
<a href="#">WELD 1110</a>	Gas Tungsten Arc Welding	4
<a href="#">WELD 1120</a>	Preparation for Industrial Qualification	4
	Program Electives (6 hrs)	6
	Minimum Credit Hours for Graduation	54