

Welding and Joining Technology

These programs are short certificates of credit that are embedded within the Welding and Joining Technology Diploma program. If you are interested in receiving one of these certificates, enroll in the Welding Diploma, and you will be able to complete any of these certificates once you've finished the required courses for each.

	Credit Hours
1. <u>Flux Cored Arc Welder</u>	
(Embedded in Diploma)	
WELD 1000 - Introduction to Welding Technology	4
WELD 1010 - Oxyfuel Cutting	4
WELD 1152 – Pipe Welding	4
WELD 1153 – Flux Cored Arc Welding	4
TOTAL HOURS:	16
2. <u>Basic Shielded Metal Arc Welder</u>	
(Embedded in Diploma)	
WELD 1000 - Introduction to Welding Technology	4
WELD 1010 - Oxyfuel Cutting	4
WELD 1040 - Flat Shielded Metal Arc Welding	4
TOTAL HOURS:	12
3. <u>Gas Metal Arc Welder</u>	
(Embedded in Diploma)	
WELD 1000 – Introduction to Welding Technology	4
WELD 1010 – Oxyfuel Cutting	4
WELD 1090 – Gas Metal Arc Welding	4
WELD 1030 – Blueprint Reading for Welding Technology	4
TOTAL HOURS:	16
4. <u>Gas Tungsten Arc Welder</u>	
(Embedded in Diploma)	
WELD 1000 – Introduction to Welding Technology	4
WELD 1010 – Oxyfuel Cutting	4
WELD 1110 – Gas Tungsten Arc Welding	4
WELD 1040 – Flat Shielded Metal Arc Welding	4
TOTAL HOURS:	16
5. <u>Advanced Shielded Metal Arc Welder</u>	
(Embedded in Diploma)	
WELD 1050 - Horizontal Shielded Metal Arc Welding	4
WELD 1060 - Vertical Shielded Metal Arc Welding	4
WELD 1070 - Overhead Shielded Metal Arc Welding	4
TOTAL HOURS:	12
6. <u>VSM1 Vertical Shielded Metal Arc Welder Fabricator</u>	
(Embedded in Diploma)	
WELD 1050 - Horizontal Shielded Metal Arc Welding	4
WELD 1060 - Vertical Shielded Metal Arc Welding	4
WELD 1040 - Flat Shielded Metal Arc Welding	4
TOTAL HOURS:	12