

# WELDING TECHNOLOGY DIPLOMA

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The Diploma is intended for students wanting to gain hands-on welding skills and knowledge to enter the welding industry. Students complete the 45 semester credit hours of program specific welding classes listed below.

Course	Title	Credit Hours
<b>First Semester</b>		
WELD 1005	Safety	1.0
WELD 1115	Arc/Gas Welding I	4.0
WELD 1125	Intro to TIG Welding	1.0
WELD 1135	Intro to MIG Welding	1.0
WELD 1140	Metals & Metallurgy	3.0
WELD 1145	Print Reading	2.0
<b>Credit Hours</b>		<b>12.0</b>
<b>Second Semester</b>		
WELD 1220	Arc/Gas Welding II	3.0
WELD 1240	Intermediate MIG	3.0
WELD 1245	Welding Prefabrication	2.0
WELD 1250	Intermediate TIG	3.0
WELD 1260	Applied Math for Welders	3.0
<b>Credit Hours</b>		<b>14.0</b>
<b>Third Semester</b>		
WELD 2310	Advanced TIG	4.0
WELD 2320	Plate Pre-Qualification	2.0
WELD 2330	Pipe Pre-Qualification	2.0
WELD 2340	Codes & Standards	2.0
WELD 2350	Project Layout	2.0
<b>Credit Hours</b>		<b>12.0</b>
<b>Fourth Semester</b>		
WELD 2410	Welding Qualification	5.0
WELD 2420	Welding Internship	2.0
<b>Credit Hours</b>		<b>7.0</b>
<b>Total Credit Hours</b>		<b>45.0</b>