

# ENTRY-LEVEL WELDER DIPLOMA

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## Entry Time

Fall

## Award

Diploma

2 terms

The Entry-Level Welder diploma program includes Shielded Metal Arc Welding, Gas Metal Arc Welding and Gas Tungsten Arc Welding. Prepares students for a SENSE 1 level credential from the American Welding Society.

Welder certifications to American Welding Society codes are available in several welding processes.

This program requires completion of 3G vertical up with backing and open-root certifications.

This diploma is eligible for state and federal financial aid.

## Diploma Requirements

Course	Title	Credit Hours
<b>Term 1</b>		
WEL-228	Introduction to Welding, Safety & Health of Welders: SENSE1	1
WEL-244	Gas Metal Arc Welding Short Circuit Transfer: SENSE1	2
WEL-274	Shielded Metal Arc Welding I: SENSE1	3
MAT-765	Welding Mathematics	3
WEL-269	Thermal Cutting Processes	3
WEL-251	Gas Tungsten Arc Welding for Carbon Steel: SENSE1	2
WEL-245	Gas Metal Arc Welding Spray Transfer: SENSE1	2
Communications Course		3
<b>Term Totals:</b>		<b>19</b>
<b>Term 2</b>		
WEL-275	Shielded Metal Arc Welding II: SENSE1	3
WEL-254	Welding Inspection and Testing Principles: SENSE1	1
IND-156	Microcomputers for the Trades	2
WEL-273	Gas Tungsten Arc Welding Stainless Steel And Aluminum	3
WEL-268	Flux Cored Arc Welding Self-Shielded/Gas-Shielded	3
WEL-233	Print Reading and Welding Symbol Interpretation: SENSE1	3
<b>Term Totals:</b>		<b>15</b>
<b>Program Totals:</b>		<b>34</b>