

Weld



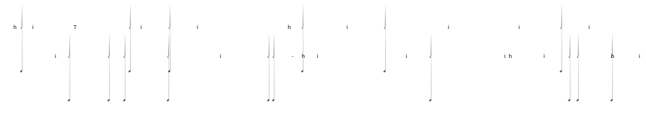
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# BASIC ARC WELDING - CERTIFICATE OF COMPLETION

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Plan Code: 6039







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**Plan Code: 6035**

This program is designed for those interested in exploring the welding and metal fabrication fields. Course work includes an entry-level study with an emphasis on the safe application of fundamental metal fabrication and welding techniques and practices. This program prepares the student for an entry-level position in the metal fabrication and/or welding industry.

- Demonstrate the basic skills to safely model, fabricate and weld a metal part.

<b>Code Number</b>	<b>Course Title</b>	<b>Hours</b>
<b>REQ RED O OSES</b>		
WELD 601	Exploring Welding	18
MTFAB 601	Exploring Metal Fabrication	18
<b>Total Hours</b>		<b>36</b>

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# INTRODUCTION TO GAS TUNGSTEN ARC WELDING (GTAW) - CERTIFICATE OF ACHIEVEMENT

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This program is designed for those interested in entry level welding skills to required GTAW Aluminum, low carbon, and stainless steels. Course work includes a comprehensive study with an emphasis on application of fundamental welding techniques and safe industry practices.

## Program Student Learning Outcomes

- Demonstrate introductory level skills to produce quality welds in the flat, horizontal, and vertical positions using the GTAW (Gas Tungsten Arc Welding) process.

## Program Requirements

WELD 50	Introduction to Welding	4
WELD 214	Introduction to Gas Tungsten Arc Welding	4
WELD 411	Welding (ARC)	1
WELD 481	Welding (Inert Gas)	1
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## Introduction to Shielded Metal A