

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2024-2025



**CERTIFICATE OF PROFICIENCY PLAN  
PRODUCTION WELDING**

**Degree Code: 4714; CIP Code: 48.0508**

A Certificate of Proficiency may be awarded to students who have demonstrated mastery of skills and knowledge against specified performance standards in a specific area or discipline.

**To earn a Certificate of Proficiency in Production Welding, students must complete the courses below with a grade of “C” or better.**

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.**

This program of study can be a stand-alone program or part of a technical certificate or associate degree curriculum and is designed for those wanting a career in boat manufacturing or other aluminum welding industries. This program fulfills the 144 hours of related technical instruction required for the ASUMH Department of Labor registered apprenticeship in welding.

**Student Learning Outcomes for CP Production Welding Program**

1. Demonstrate safe and proper use of welding, cutting, and grinding equipment.
2. Identify and select suitable welding consumable materials and set up and operate welding equipment in such a manner as to produce a quality weld in accordance with established industry standards.

Name: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

Date: \_\_\_\_\_  
 Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>Applied Technology Content (2 credit hours)</b>			
TECH 1032	Blueprints and Layouts	2	_____
<b>Welding Content (16 credit hours)</b>			
WELD 1204	Gas Metal Arc Welding (MIG) (must earn a “C” or better)	4	_____
WELD 1234	Intermediate Gas Metal Arc Welding (MIG) (must earn a “C” or better)	4	_____
WELD 1404	Gas Tungsten Welding (TIG) (must earn a “C” or better)	4	_____
WELD 1434	Intermediate Gas Tungsten Welding (TIG) (must earn a “C” or better)	4	_____

**Program Total 18 Hours**