

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.

2023-2024



**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>
Applied Technology Content (2 credit hours)			
TECH 1032	Blueprints and Layouts	2	_____
Welding Content (16 credit hours)			
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