

A background image showing a close-up of a welding process. Bright blue and orange sparks are flying upwards from a point of contact, likely a torch or electrode. The scene is dimly lit, with the primary light source being the intense heat of the weld.

WLD Program 2024 Review

OCCC

BOE Agenda

- New Faces
- WLD Program Mission
- Student Achievements
- Early College Program
- Student & Industry's Perspective
- Program changes in 2025

Welding Staff & Faculty



Levi Yerkes

- OCCC WLD Student
- Toledo Boat Yard Finance & Materials Operations Specialist

Gage Boone

- Student at Perry Technical Institute
- Fred Wahl Marine Welder



Nevin Sjostrom

- LBCC Welding Graduate
- Toledo Shipyard Welder & Fabricator

Welding Program Mission

To arm students
with enough
knowledge to
land them a job in
the field of
marine welding

Knowledge needs to be:

- Clear, Simple, Concise
- Key to a Marine Welder
- Desirable to the employer

Student Successes



Stefan Vanderhoff

Shipyards Equipment Mechanic

Kenny Barrett

Welding, Building construction in Guam

Jose Dorantes

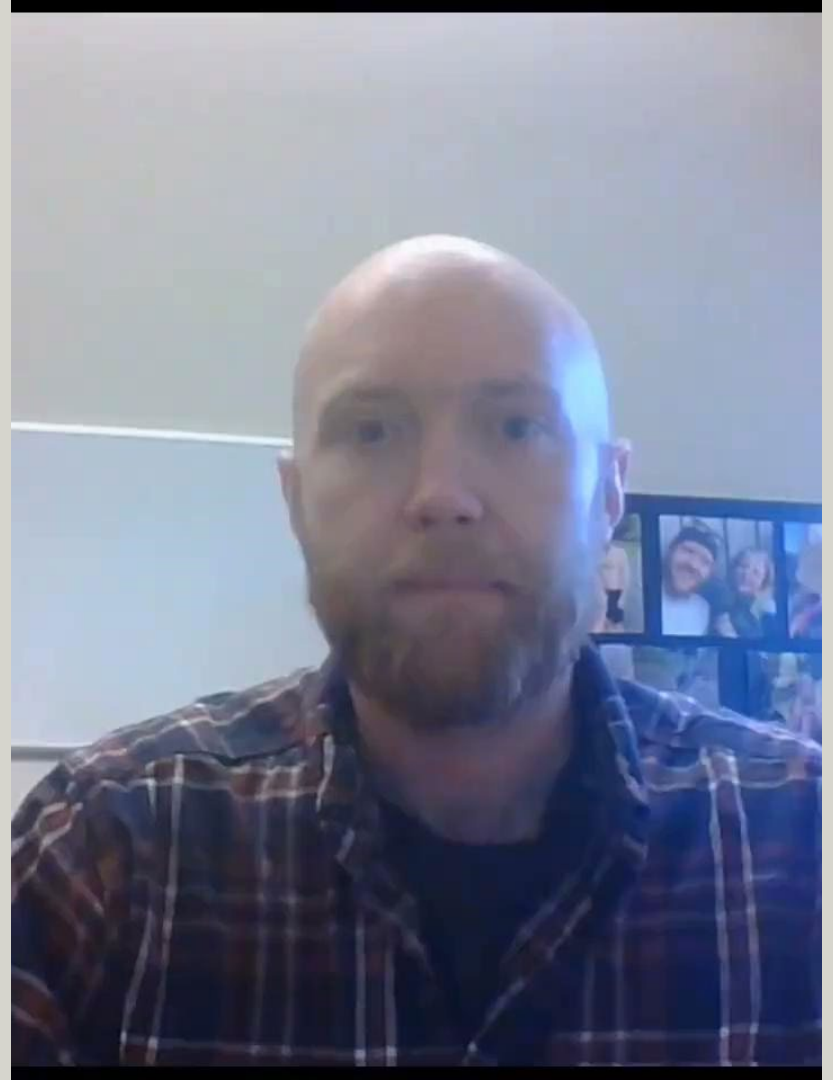
Welding Journeyman,

Richard Barnhart

Employed in a ship repair yard on the east coast

Early College Program

- 7 Students at Taft High
- Introduction to welding, aiming to push students into the full length weld program
- Priming the after highschool career field



Student Feedback

Alignment with Student

Goals

- Not all students plan to go marine
- Want entry for varying levels of weld experience
- Interest in learning very specific weld processes, positions - training program rather than a course

Course Structure

- Tedious
- Too much fitting, not enough welding

Degree Obtainability

- Not all the classes are offered
- CPR to be made available

A Shipyard's Perspective

Workplace Simulation

- Weld output in the workplace is higher than in the lab
- Tracking hours, student attendance

Course Contents

- Diversify welding scenarios
- Need additional scenarios for shipyard welding
- Superb weld quality among students

Certifications

- Individual certs do not mean as much as the full degree

Changes Being Made in the Classroom

Project

Restructuring

- Position Based “Coupons”
- Change the fitting:welding ratio

Attendance

- Students must arrive on-time
- Shipyards strictly track hours as means of charging customers labor rates

Student Supplied Consumables

- Teach students efficient tool use by individually tracking costs of consumables
- Shipyards and Contract-based welders track consumable usage to charge customers

Changes Outside the Classroom

1 Year Certificate

- Will contain all 9 Physical Lab Classes
- Provides a wide array of welding knowledge
- Achievable!

Cohort Schedule

- Offer Certain classes for certain terms
- One time slot for one class
- Enables a student to complete full certificate in 3 terms

Syllabus Changes

- Revise of coordination of supporting WLD111,112,113,114
- Inclusion of 6G (Pipe) Position