

TRF Welding Advisory Committee

6 - 7p Zoom

27 January 2025

Minutes

1. Welding Lab

- a. Evaluate equipment needs – 5yr plan
- b. New equipment
 - i. Deltaweld: 2 – 350 w/IntellX feeders
 - 1. Joel to reach out to CEG and Central Boiler for settings advice/application
 - ii. Lincoln: 3 – S350 w/adv module
 - 1. Joel to reach out to Steffes and Polaris for settings advice/applications
 - iii. Pipe profiler: Lincoln Electric Compact Profiler
 - 1. Two cad systems – PypeServer and Lincoln CAD
 - 2. PypeServer requires annual subscription and will most likely not be used; Lincoln CAD is effective
 - iv. Virtual trainers: Miller Virtual trainers
 - 1. Have been effective for secondary recruiting events
 - v. Recommended to keep pursuing a Cobot for the program
- c. Old equipment
 - i. CNC Plasma table
 - 1. Joel to work on troubleshooting – hopefully an easy fix
 - ii. Scotchman ironworker 65T
 - 1. Recommended to wait before putting this on MinnBid

2. Curriculum – Joel Z

- a. Program changes
 - i. PSEO – allowing to register for full 10cr certificate
 - 1. Requires about 13hr/week in Lab
 - 2. Fall semester – SMAW or GMAW certificate
 - 3. GTAW certificate split between fall and spring semesters
- b. Content changes
 - i. Soon adding more CNC content
 - 1. Lincoln pipe software
 - 2. PypeServer software – requires annual subscription, but no mention of cost
 - 3. Omax software – water-jet will be up and running soon
- c. Exploring [LEEPS](#) Lincoln Electric Education Partner schools.
 - i. No follow up on this last year – Do I pursue it further this year? Information attached
 - ii. Joel to research more – brochure included in email
 - iii. Miller OpenBooks was brought up as a good option for HS programs - free
- d. GMAW assignments – attached for review
 - i. Joel to review more in-depth – look at removing some and adding 0.052” electrode welds

3. Enrollment

- a. 10 new college students; 6 new PSEO; 3 returning
- b. College overall up about 9%

4. College Admin Search

- a. 1-year, interim – Dr Shari Olson – former director at NCTC
 - i. Screening starts soon, expected start is July 1, 2025
- b. CTE dean search was pushed back due to other positions being vacated fall semester
 - i. Posting expected in late March; expected to be in place by start of fall 2025

5. Professional Development

- a. Miller Electric conference – Appleton, WI

6. Outreach:

- a. Summer training for new high school teachers
 - i. Had several HS teachers in early August over 4 day
- b. Mini showcase in Feb – thoughts – this is in-house for NCTC recruiters
- c. Northland Expo days – April 2 – Warroad 9a-12p, 10 – TRF/Aerospace 9a-2p, and 23 – EGF 9a-2p
 - i. Businesses interested in participating in the associated career fair, reach out to Amanda Hoglo: Amanda.hoglo@northlandcollege.edu
- d. Job Fair in EGF: Wed, March 5, 2025 (Behind the Mask welding contest)
 - i. Businesses interested in participating should reach out to Tim Schwanz at northernplains@awssections.org
- e. Future Forward: Connecting Businesses to Classrooms
 - i. Site developed to connect businesses to students and teachers and vice-versa.

7. Additions:

- a. [American Crystal Communities](#)
- b. [Scholarship Opportunities](#)
- c. [Northland Community and Technical College scholarship](#)
- d. [Welder Training Scholarships'](#)

****Not all of the above scholarships are related directly to Northland Community and Technical College. I just wanted to make sure that any high school student can be made aware of the scholarship opportunities available.**

Attendees:

Online: Eric D; Kris W; Tom L; Adam R; Soren O; Jarad N; Gabe R; Brad T; Robert H; Don F; John F; Lynn M; Joel Z