

INDUSTRIAL ARTS INSTITUTE

NORTHERN MICHIGAN'S PREMIER WELDING SCHOOL

Licensed by the MI Department of Labor and Economic Opportunity (LEO), a Veteran-approved training facility and a 501(c)(3) non-profit organization, offering a premier comprehensive welding and fabrication program that prepares students for successful and rewarding careers in the industry. Welders will perform welding qualification testing on-site in accordance with industry codes. Upon successful completion of testing, individuals will receive welder procedure qualification test records reflecting the parameters for which they are qualified to weld.



MISSION

- To Educate and Develop Professional Trades' Men and Women
- To Inspire Students to Succeed in Fields That Demand High Standards
- To Cultivate an Affordable and Streamlined Education and Training Path for Students
- To Ensure Curriculum Flexibility that Evolves with Industry
- To Equip Students with Exceptional Education and Training Allowing Them to Begin a Career in Minimal Time and Debt
- To Provide Opportunities for Students to Improve Their Economic Position Within Their Communities



WORKFORCE-READY WELDERS & FABRICATORS

RJ INDUSTRIAL RECYCLING SCHOLARSHIP

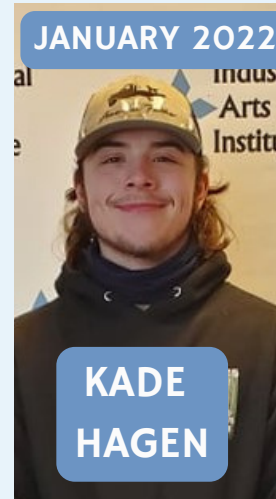
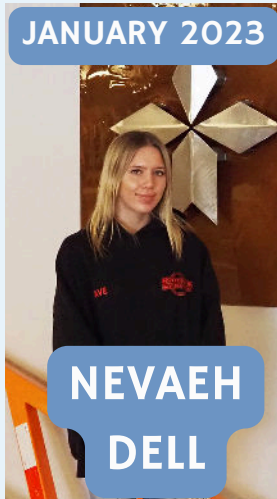
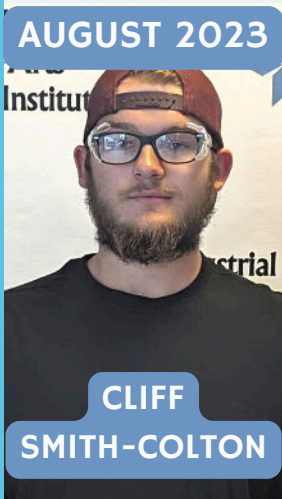
JANUARY - MAY 2024 RECIPIENTS



TYLER KOPKA

JEREMY OSBORNE

PAST RECIPIENTS



TYLER KOPKA

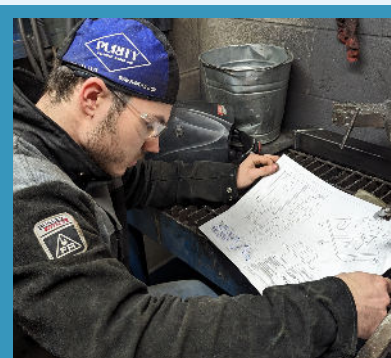
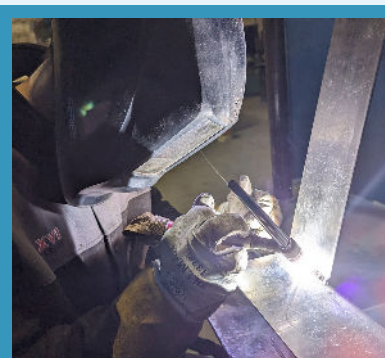
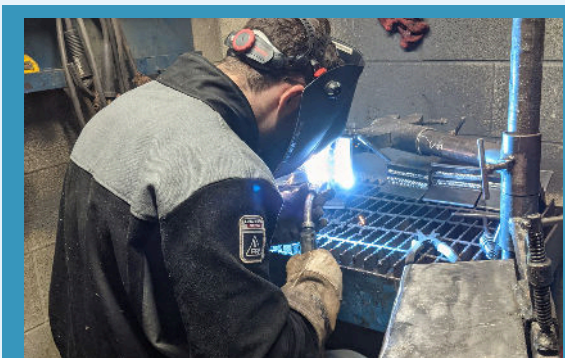
COHORT 23



Tyler Kopka comes to Industrial Arts Institute from Metamora, Michigan where he graduated from Lapeer High School. While attending High School he participated in the Auto-Mechanics CTE program for two years.

HARDSHIPS I HAVE LEARNED FROM

When I went to apply for the Marines in Lansing earlier this year they saw that I had an inhaler prescription and I was denied because I have a mild allergy induced asthma. Upon learning that was not going to be my path, I refocused and applied myself to a career in the trades. Turning my disappointment to excitement learning I was accepted to IAI.



JEREMY OSBORNE

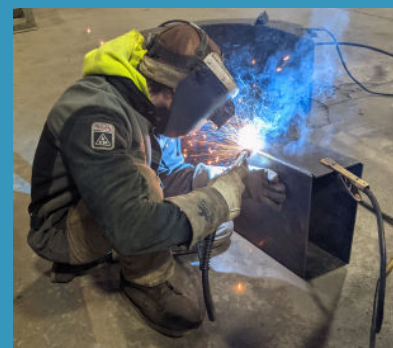
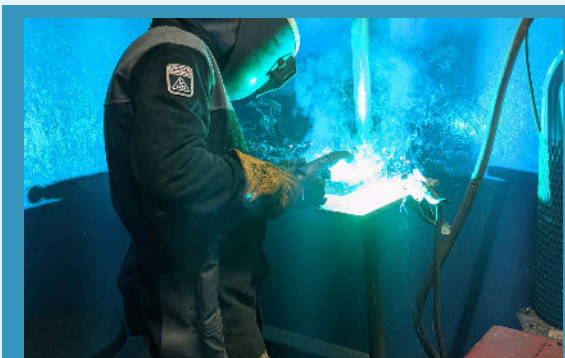
COHORT 23



Jeremy Osborne comes to IAI from the Township of Sumpter, Michigan, where he graduated from Belleville High School. While attending high school he was enrolled in the Welding CTE program.

WHY WELDING

I want to work as a skilled welder because I like knowing that there will always be more to learn and keep me interested. I know that IAI will help me to further my skills and give me valuable experience.



COMPREHENSIVE INDUSTRIAL WELDING



COURSE DESCRIPTION

This course provides 760 clock hours of employer-model, real-world welding and fabrication training provided by instructors with diverse industry experience. Students spend 80% of their training in our welding lab. Classroom experience is focused on learning welding fundamentals and building skills to be successful members of the workforce. Our curriculum includes:

- Welding technology and blueprint reading
- Advanced Fabrication taught by industry experts
- Oxyacetylene cutting
- Welder mathematics
- Welding automation- Collaborative Welding Robot (Red-D-Arc- BotX)
- Manual & CNC plasma cutting operations
- Shielded metal arc welding (SMAW)
- Gas metal arc welding (GMAW)
- Flux cored arc welding (FCAW)
- Gas Tungsten arc welding
- Introduction to pipe welding

During the course, students' complete fabrication projects, allowing them to put their skills to practical use. Students will have opportunities to earn numerous welder qualifications in all welding processes using various metals including carbon steel, aluminum, and stainless steel.

INDUSTRIAL ARTS

INSTITUTE MILESTONES

2014

IAI Grand
Opening
Celebration

The year IAI
became a
Nonprofit.

2017

2017

Approval as a
Department of
Veteran Affairs
Education
Training
Facility

\$140K IAI
Targeted
Scholarship
awards

FY
23/24

FY
24/25

\$125K Projected
IAI Targeted
Scholarship
awards

AVERAGE
CLASS
SIZE
15

STUDENT
AGE RANGES
17 TO 50+

80% LAB
20%
CLASSROOM

IAIWORKS.COM

INSPIRING A NOBLE WORKFORCE

2014 - 2024
331
Alumni

97%
Student
Retention

90%
Industry
Placement

