

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

JOHNSON SEITZ - LOPEZ FAMILY SCHOLARSHIP

AUGUST - DECEMBER 2023 RECIPIENT

COHORT 22



NATHANIAL ANDREWS

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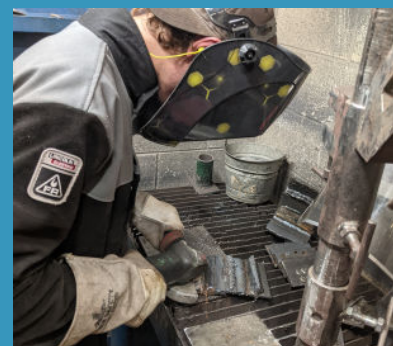
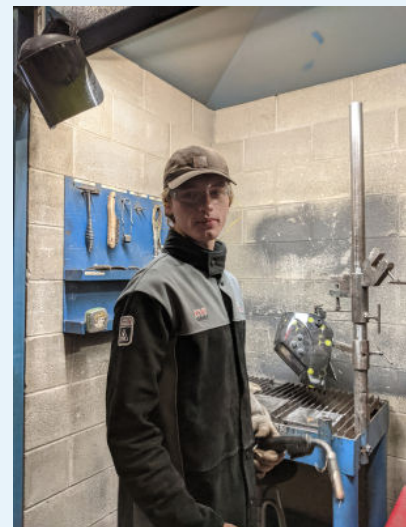
COHORT 22



Nathanial Andrews currently resides in Gaylord, Michigan however, he graduated high school from Northern Burlington County Regional High School in Columbus, New Jersey.

MY FUTURE GOALS

I have a great work ethic and initiative and I feel that these qualities go hand in hand with welding. I am eager to apply them during my education at Industrial Arts Institute.



JOHNSON SEITZ - LOPEZ FAMILY SCHOLARSHIP

JANUARY - MAY 2023 RECIPIENT

COHORT 21



BAILEY WHEELOCK

BAILEY WHEELLOCK

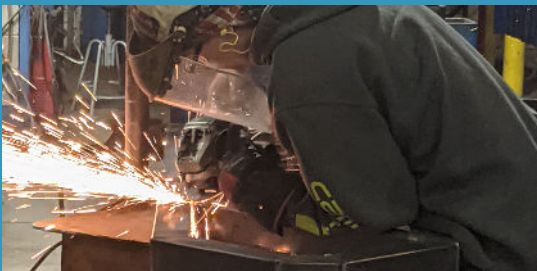
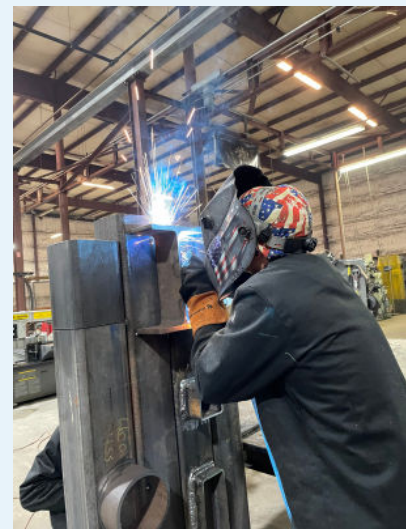
COHORT 21



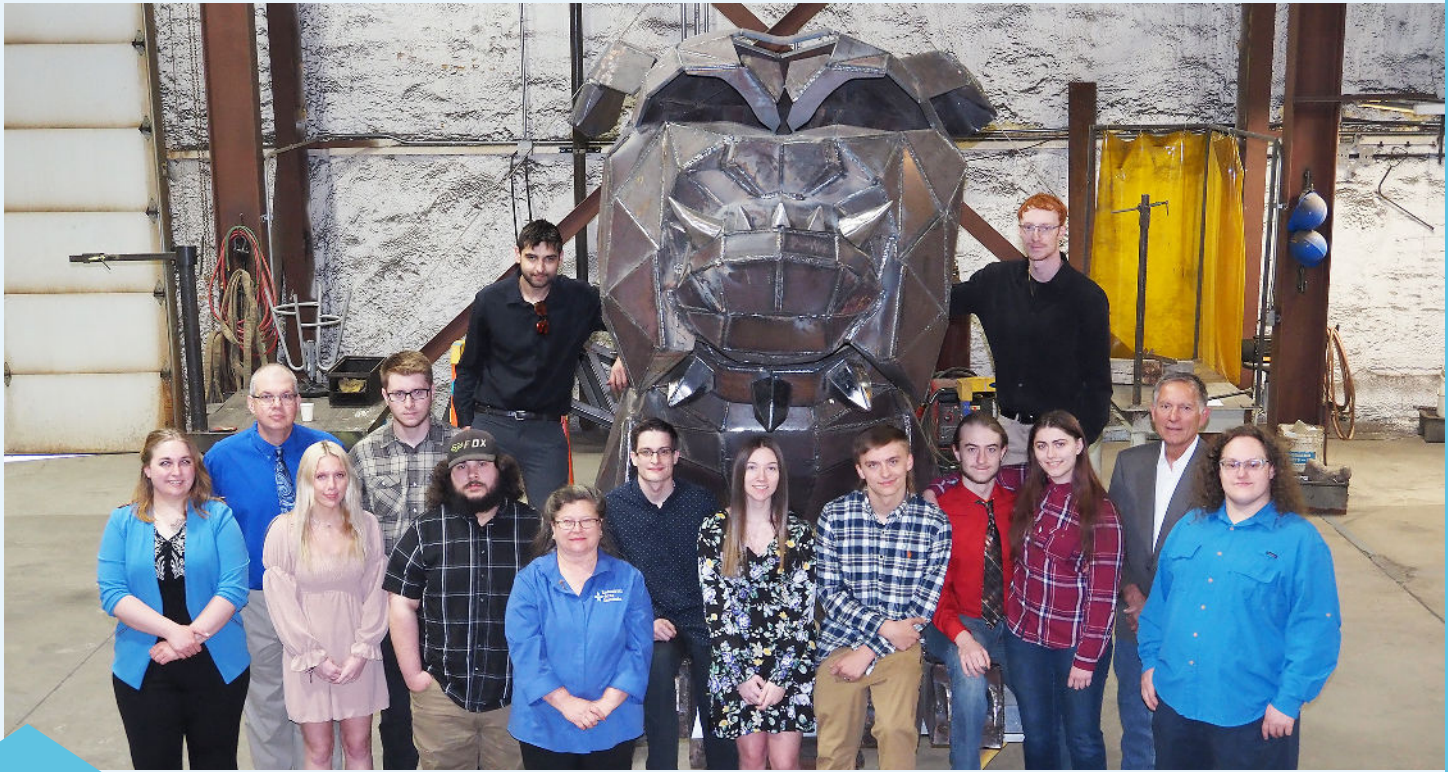
Bailey Wheellock came to us from Cheboygan, Michigan where he graduated from Cheboygan Public Schools.

MY FUTURE GOALS

I believe that I have developed a strong work ethic from working in my family's business since the age of 13. I recognize IAI as an opportunity to better myself. I will apply my strong work ethic to create a future for myself with a stable career that I and my family will be proud of.



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

\$83K IAI
Targeted
Scholarship
awards

2022

2023

\$125K Projected
IAI Targeted
Scholarship
awards

AVERAGE
CLASS
SIZE
15

STUDENT
AGE RANGES
17 TO 50+

80% LAB
20%
CLASSROOM

2014 - 2023
318
Alumni

97%
Student
Retention

92%
Industry
Placement

**WHERE DO INDUSTRIAL ARTS
INSTITUTE STUDENTS
COME FROM?**



LEARN FAST. WORK SMART. MAKE MORE.