

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

HARBOR PARK SELF STORAGE SKILLED TRADES SCHOLARSHIP

JANUARY - JUNE 2026 RECIPIENT

COHORT 27



NATHAN HIGGINS

HARBOR PARK SELF STORAGE SKILLED TRADES SCHOLARSHIP

AUGUST - DECEMBER 2025 RECIPIENT



JAMES AUGUST

COHORT 26

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 and Accredited Testing Facility (ATF) certifications in all welding processes using various metals including carbon steel, aluminium, 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

\$130K IAI
Targeted
Scholarship
awards

**FY
24/25**

**FY
25/26**

\$135K 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 - 2026
374
Alumni**

**97%
Student
Retention**

**90%
Industry
Placement**

WHERE DO INDUSTRIAL ARTS INSTITUTE STUDENTS COME FROM?



WordItOut

LEARN FAST. WORK SMART. MAKE MORE.