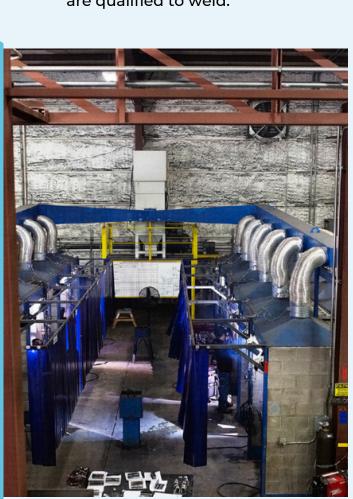
### **INDUSTRIAL ARTS INSTITUTE**

#### NORTHERN MICHIGAN'S PREMIER WELDING SCHOOL

Licensed by the MI Department of Labor and Economic Opportunity (LEO), a Veteranapproved training facility and a 501(c)(3) nonprofit 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 onsite 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** 

# THE LIONEL "RED" MAYVILLE MEMORIAL ENDOWMENT SCHOLARSHIP

**AUGUST - DECEMBER 2025 RECIPIENT** 



**CASEY PETERMAN** 

## THE LIONEL "RED" MAYVILLE MEMORIAL ENDOWMENT SCHOLARSHIP

**AUGUST - DECEMBER 2024 RECIPIENTS** 



**AMINA DOLLAH & DAVID DILKS** 

## THE LIONEL "RED" MAYVILLE MEMORIAL ENDOWMENT SCHOLARSHIP

**JANUARY - MAY 2024 RECIPIENT** 



**MATTHEW SCRIVANO** 

# THE LIONEL "RED" MAYVILLE MEMORIAL ENDOWMENT SCHOLARSHIP

**JANUARY - MAY 2023 RECIPIENT** 



**BAILEY WHEELOCK** 

### 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

\$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

2014 - 2024 331 Alumni 97% Student Retention

90% Industry Placement

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



inspiring a noble workforce

WASHINGTON LakeCity Afton Hessel MIDLAND Alanson HigginsLake IndianRiver MackinacIsland California TraverseCity Monroe BoyneFalls GrossPointWoods Flushing PawPaw SterlingHeights BoyneCity GOODRICH ROCHESTERHILLS Highland Cheboygan HOUGHTONLAKE WETMORE Mio SaintIgnace Wolverine Caseville CarpLake FENTON Jackson Charlevoix DrummondIsland Elmira Fairview Anchorage Beverly Bellaire BattleCreek EMPIRE Kingsley WestBranch Cho Petoskey Battle Empire NewBuffalo OSCODA Pellston Petoskey Lyons Barbeau Alpena Shell Davison Owosso Burton Mancelona ROSCOMMOM Novi Lachine ShelbyTownship Dearborn MackinawCity POSEN HASLETT GRAWN Shelby Ocqueoc Johanne Onaway LakeLeelanau Hillman Missouri LANSING HART Vanderbilt LEWISTON NewHudson Mt.Pleasant Shelby Ocqueoc Johannesburg HarborSprings NewHudson Mt.Pleasant
Coleman RogersCity
Clarkston TownshipofSumpter
Clarkston TownshipofSumpter Saginaw EsPan'ola Pickford Gaylord SuttonsBay Millersburg Atlanta SaultSaintMarie Williston CentralLake Word/ItOut