

Who we are

The Industrial Arts Institute, a 501(c)(3) non-profit organization, specializes in preparing graduates for rewarding professional trades careers. Our vision is to be a nationally recognized contributor to building a new professional trades workforce—setting a NEW EDUCATION MODEL STANDARD to empower next generation workers in wealth creation industries. IAI takes a hands-on, project-based approach to its education programs, providing expert faculty support with deep industry experience. Our fast track, intensive courses not only build useful skill sets for our students but also produce workforce ready employees.



Industrial Arts Institute
inspiring a noble workforce

Northern Michigan's **Premier Welding School**

19 Week Comprehensive Industrial Welding:
Structural & Pipe Welding
with Intro to Automation

Apply Online at:
www.iaiworks.com

SCHEDULE:
August 6th - December 14th, 2018
January 14th - May 24th, 2019

FINANCING:

- Apply your VA Education Benefits to a Career in Welding
- Noble Path Student Lending Program
 - \$500 Down Payment
 - 3.5% Interest Rate
 - First Payment not due until 45 Days post-Graduation

• 132 Graduated Students
• 90% job placement rate

Contact Us

(989) 733-4369
20902 Washington Ave
Onaway, MI 49765
www.iaiworks.com



2018 Summer Welding & Ornamental Metal Art Series

2018 Summer Course Offerings

Registration for the following courses can be found online at:
www.iajworks.com

GAS METAL ARC WELDING & FLUX CORED ARC WELDING

\$800.00 (32 Hours) 4 Days a week, 8 hours a day – 7:00AM – 3:00PM

May 7th – 10th, 2018 | May 21st – 24th, 2018 | June 18th – 21st, 2018

Introduction to Gas Metal Arc Welding (MIG or GMAW) and Flux Cored Arc Welding (FCAW) processes on carbon steel. Includes instruction and hands-on lab time on short circuit, single & multi-pass all position fillet welds and open-root vertical (3G) and overhead (4G) groove welds.

SHIELDED METAL ARC WELDING

\$800.00 (32 Hours) 4 Days a week, 8 hours a day – 7:00AM – 3:00PM

May 21st – 24th, 2018 | June 18th – 21st, 2018 | July 23rd – 26th, 2018

Introduction to Shielded Metal Arc Welding (STICK or SMAW) process, with 7018 and 6010 electrodes. Additional practical hands-on learning of all position fillet welds and more advanced concepts and procedures of understanding and implementing SMAW including open root groove welds in the vertical (3G) and overhead (4G) positions.

ADVANCED SHIELDED METAL ARC WELDING PIPE

\$800.00 (32 Hours) 4 Days a week, 8 hours a day – 7:00AM – 3:00PM

June 4th – 7th, 2018 | July 16th – 19th, 2018 | July 23rd – 26th, 2018

Advanced SMAW Course with instruction on ASME section IX SMAW pipe welding, weld quality & uphill pipe procedures which produce high quality single V groove welds on 6" diameter schedule 40 carbon steel pipe in all positions. Testing to pass visual and guided bend test in the 2G & 5G or 6G positions using E6010 and E7018 electrodes.

GAS TUNGSTEN ARC & GAS METAL ARC WELDING

\$800.00 (32 Hours) 4 Days a week, 8 hours a day – 7:00AM – 3:00PM

June 4th – 7th, 2018 | July 16th – 19th, 2018

Introduction to Gas Tungsten Arc Welding (TIG or GTAW) technique on Carbon Steel, Stainless Steel and Gas Metal Arc Welding (MIG or GMAW) Aluminum in the flat 1G position.

***WELDER QUALIFICATION TESTING AVAILABLE BY ADDITIONAL APPOINTMENT & FEES**

BASIC WELDING

\$500.00 (24 Hours) 4 Days a week, 6 hours a day – 8:00AM – 2:00PM

May 14th – 17th, 2018

This course will provide students an opportunity to develop knowledge and skill application in various welding processes. The course will cover basic welding safety, SMAW processes, Introduction to GMAW, and Oxy Fuel cutting. Students will have the opportunity to qualify for a GMAW – Spray Transfer 2F welder qualification.

BASIC WELDING

\$500.00 (24 Hours) Thursday Evenings – 4:30PM – 7:30PM

May 17th – July 19th, 2018 (No class on June 28th or July 12th)

This course will provide students an opportunity to develop knowledge and skill application in various welding processes. The course will cover basic welding safety, SMAW processes, Introduction to GMAW, and Oxy Fuel cutting. Students will have the opportunity to qualify for a GMAW – Spray Transfer 2F welder qualification.

ORNAMENTAL WELDING

\$500.00 (24 Hours) Thursday Evenings – 4:30PM – 7:30PM

May 17th – July 19th, 2018 (No class on June 28th or July 12th)

This course will combine skill-sets from our Basic Ornamental Welding as well as Ornamental Design One curriculum. It will include an introduction to metal work for students with limited or no knowledge of welding and will focus on the forming and fabrication of linear stock, steel and "found" (recycled) metal. Students with the prerequisite of Basic Welding or Basic Ornamental will gain knowledge in metal fabrication, design, layout, cutting, forming, and finishing techniques to make a piece of metal art.

ORNAMENTAL WELDING METAL ART WORKSHOP

9:00AM – 12:00PM & 1:00PM – 2:00PM (4 Hours)

Welding is fun and exciting. Learn to MIG weld, plasma cut, and move metal as you create artwork. All skill levels welcomed. Experience creating metal art with a seasoned artistic welder who will give you direction and hands on assistance as you make a metal art projects that you take home. Inquire with student services @ 989- 733-4369 to sign up today!

Choice of 4 Projects:



Family Tree Wall Art
May 7th / June 5th / July 25rd, 2018



TIG Vase or Bowl
May 8th / June 4th / July 24rd, 2018



Horseshoe/Found Metal Art
May 9th / June 6th / July 23rd, 2018



Abstract Sculpture
May 14th / June 12th / July 18th, 2018