

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

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

Northern Michigan's **Premier Welding School**

SCHEDULE:
August 5th – December 13th, 2019
January 6th – May 15th, 2020

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

• 166 Graduated Students
• 90% job placement rate

(989) 733-4369 • Apply Online at: www.iaiworks.com

20902 Washington Ave., Onaway, MI 49765

The Industrial Arts Institute, a 501(c)(3) organization, offers premier comprehensive trade programs that prepare students for successful and rewarding careers in the industry.

Contact Us

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2019 Summer Welding & Ornamental Metal Art Series

2019 Summer Course Offerings

Registration for the following courses can be found online at:
www.iaiworks.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 (1/2 Hour Lunch)

July 8th – 11th, 2019

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 (1/2 Hour Lunch)

July 15th – 19th, 2019

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 (1/2 Hour Lunch)

July 22nd – 25th, 2019

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 - ALUMINUM

\$800.00 (32 Hours) 4 Days a week, 8 hours a day – 7:00AM – 3:00PM (1/2 Hour Lunch)

July 22nd – 25th, 2019

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.

BASIC WELDING

\$600.00 (24 Hours) 4 Days a week, 6 hours a day – 8:00AM – 2:30PM (1/2 Hour Lunch)

June 10th – 13th, 2019 | July 8th – 11th, 2019

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.

LEVEL I: BEGINNER ORNAMENTAL WELDING: GARDEN ART

\$400.00 (18 Hours) 3 days a week, 6 hours a day 8:00AM - 2:30PM (1/2 Hour Lunch)

June 10th – 13th, 2019

This introductory 18-hour welding course employs a step-by-step process to enable you to create beautiful garden art and teach you some of the basics of welding at the same time. The basics of setting up your own garage studio will also be a part of the course curriculum. If you would like to make metal garden art as a fun project, then this is the perfect beginner welder class for you. Metal (steel) garden art is fast becoming the “must have” aesthetic design for any garden. Many find that a well-designed and well-placed piece of garden art really brings a garden to life and injects an eye-catching view.

LEVEL II: INTRODUCTION TO ORNAMENTAL WELDING & PLASMA CUTTING

\$600.00 (24 Hours) 4 days a week, 6 hours a day | 8AM-2:30PM (1/2 Hour Lunch)

July 8th – 11th, 2019

This course is 24 hours of instruction in the introduction to ornamental welding. It will include an introduction to metal work for students with limited knowledge of welding. The course will focus on plasma cutting GMAW (MIG) welding, forming and fabrication of linear stock, steel and “found” (recycled) metal projects. Students will make two required projects and then have a choice of creating one of five pre-designed metal art projects that they will take home.

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