

**NORTH CENTRAL MICHIGAN COLLEGE  
ARTICULATION AGREEMENT**

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**Industrial Arts Institute**

**NCMC- Associate of Applied Science in Welding**

**THE PARTIES AGREE THAT:**

North Central Michigan College (NCMC) students who are eligible may enroll in the Industrial Arts Institute (IAI) Comprehensive Industrial Welding Program, and, upon successful completion, may transfer credits earned to North Central Michigan College and said credits to be applied to NCMC's Associate of Applied Science Degree in Welding.

NCMC/IAI-Associate of Applied Science Degree in Welding

North Central Michigan College: 36-37 Credit Hours

General Education Requirements: 12 Credit Hours

- COM 170 - Interpersonal Communication (3 credit hours)
- ENG 111 - English Composition I (3 credit hours)
- ENG 112 - English Composition II (3 credit hours)
  
- PLS 141 - Introduction To American Government (3 credit hours) or
- PSY 161 - Introduction To Psychology (3 credit hours) or
- SOC 171 - Introduction to Sociology (3 credit hours)

Program Requirements: 24-25 Credit Hours

- ARTS 101 - Three-Dimensional Design (3 credit hours)
- ARTS 102 - Basic Drawing and Composition (3 credit hours)
- B 104 - Business Math (3 credit hours) or
- MATH 109 – Beginning Algebra (4 Credit Hours) or higher
- MFG 100 - Machine Shop Technology Foundation Level (3 credit hours)
- MFG 101 - Machine Shop Technology Level 1 (3 credit hours)
- MFG 102 - Machine Shop Technology Level 2 (3 credit hours)
- TDT 130 - CAD I (3 credit hours)
- TDT 132 - CAD III (Advanced AutoCAD) (3 credit hours)

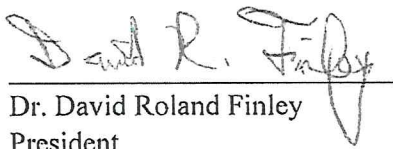
Industrial Arts Institute, Inc. (IAI): 25 Credit Hours


Comprehensive Industrial Welding Program at Industrial Arts Institute (760 Clock Hours)

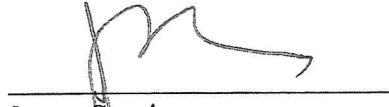
Curriculum includes:

- Welding technology and blueprint reading
- Oxyacetylene cutting and brazing
- Welder mathematics
- Welding automation
- Manual plasma cutting
- Fabrication
- 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 advanced pipe welding

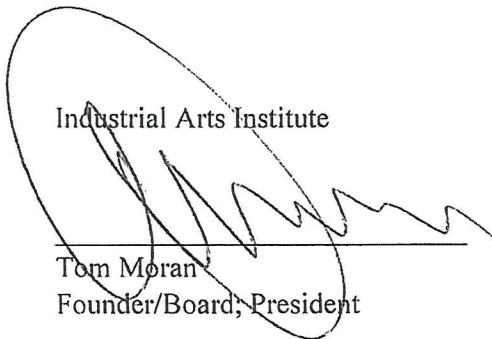
North Central Michigan College

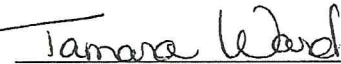
  
Dr. David Roland Finley  
President

  
Dr. Stephen Strom  
Vice President of Academic Affairs

  
James Cousino  
Dean of Career and Technical Education

Industrial Arts Institute

  
Tom Moran  
Founder/Board; President

  
Tamara Ward  
Executive Director

The parties having affixed their signatures hereto on this 5th day May 2022, this agreement takes immediate effect.