

Colleges to Consider:

- Alpena Community College
- Delta College
- Ferris State University
- Henry Ford Community College
- Kirtland Community College
- Lansing Community College
- Michigan State University
- Mott Community College
- Northern Michigan University
- Oakland University
- St. Clair Community College
- University of Michigan
- Washtenaw Community College



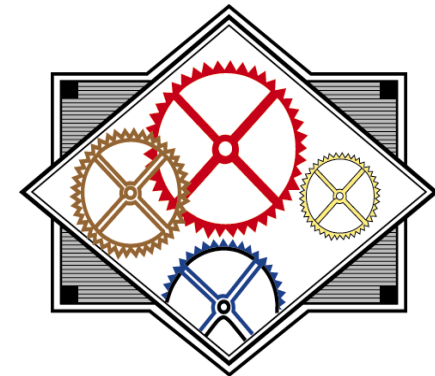
TUSCOLA TECHNOLOGY CENTER

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990, it is the policy of the Tuscola Intermediate School District that no person shall, on the basis of religion, race, color, national origin, sex, disability, age, marital status, height, weight, arrest record, and familial status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or employment. Inquiries regarding this policy should be directed to the Tuscola ISD Superintendent, 1385 Cleaver Road, Caro, Michigan 48723, (989) 673-2144.

Tuscola Technology Center upholds the dignity of all careers.



WELDING & FABRICATING



Engineering/Manufacturing & Industrial Technology Pathway

WELDING & FABRICATING

WHAT YOU WILL LEARN:

- Basic metallurgy
- Blueprints
- Critical thinking skills
- Decision making skills
- Fabricating
- Fillers
- Shield metal; arc welding (stick)
- Gas metal arc welding (mig)
- Gas tungsten arc welding (heli-arc)
- Oxy-fuel welding
- Oxy-fuel cutting
- Plastic welding
- Power sources
- Teamwork skills
- Weld symbols

TRAITS YOU SHOULD POSSESS:

- Dependability
- Enjoy working with metals and machines
- Ability to work with others
- Mechanical aptitude
- Able to accept and follow directions
- Good physical condition

Welding is a leader of today's high tech approach to manufacturing, with computer controlled processes, plastic welding, wire feeders, plasma cutting, and welding torches that can be controlled by the operator at the keyboard, or a computer in the building or the next state.

HELPFUL BACKGROUND

CLASSES:

- DRAFTING
- INDUSTRIAL EDUCATION
- MATH
- METAL SHOP

WHERE YOU CAN GO FROM HERE:

Your second year could Include:

- Return to the Welding Program
- Employment through the TTC Co-op program
- Attend a different TTC program
- Return as a day or night adult education student.

Following one or two years in this program, you may find employment as a Welder's Helper, Thermal Cutter, Arc Welder, Mig Welder, or Combination Welder.

You may also continue your education at a college or trade school to prepare yourself for an advanced career in welding such as engineering, manufacturing, construction equipment, aviation maintenance, ship building and repair, tool and die repair, agriculture maintenance, or military applications.