

Colleges to Consider:

Alpena Community College

Delta College

Eastern Michigan University

Ferris State University

Henry Ford Community College

Kirtland Community College

Lansing Community College

Lawrence Technological Institute

Michigan State University

Mott Community College

Northern Michigan University

Washtenaw Community College

Western Michigan University



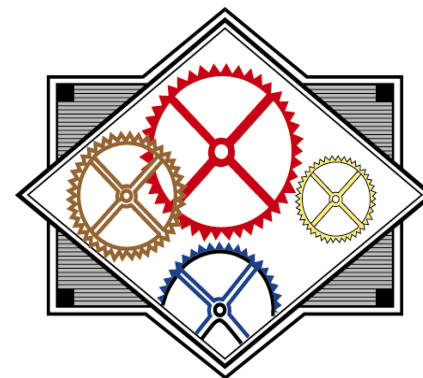
TUSCOLA TECHNOLOGY CENTER

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.



CONSTRUCTION TECHNOLOGY



**Engineering/Manufacturing &
Industrial Technology Pathway**

WHAT YOU WILL LEARN

Program goals for the Construction Technology Cluster are:

- To acquire competencies identified as common to several job titles within the cluster area which provide realistic employment opportunities.
- To utilize teamwork, problem-solving, critical thinking and technical communication skills needed by business and industry.
- To apply academic skills to the solution of practical problems encountered in real life and work experiences in Construction Technology.
- Demonstrate leadership and citizenship skills through Construction Technology Activities.

FOUNDATION SKILLS

These skill areas consist of communication, reading, computation, entrepreneurship, problem-solving, teamwork, critical thinking, and decision making. Foundation skills will be integrated in both the core and throughout the job-specific areas.

SKILLS YOU SHOULD POSSESS

- Ability to be a self-starter
- Positive attitude
- Ability to follow directions
- Ability to work in a team environment
- Willing to work outside in all weather

CONSTRUCTION TECHNOLOGY

The Construction Technology cluster at the Tuscola Technology center is a competency based vocational-technical education program in which tasks with occupational similarities are grouped into a core task, moves into progressively more specific and/or advance areas of instruction. The program provides a broad foundation of applied and transferable basic skills plus occupationally specific technical skills required to function in an increasing complex and highly technological society and workplace.

CORE CURRICULUM

BASIC HAND & POWER TOOLS
BLUEPRINT READING
IDENTIFYING BUILDING MATERIALS
CAREER AWARENESS & EMPLOYABILITY
SCAFFOLD AND SAFETY

PROGRAM CURRICULUM

ESTABLISH GRADE	HANG/FINISH DRYWALL
CONSTRUCT FOOTINGS	TRIM THE INTERIOR
LAY CONCRETE BLOCK	BASIC HOUSE WIRING
DECK CONSTRUCTION	BASIC HEATING/COOLING
ERECTING WALLS	BASIC PLUMBING
FRAMING THE ROOF	BUILD 1500 SQ FT SPEC HOUSE
INSTALL DOORS/WINDOWS	
INSTALL EXT. WALL COVERING	
INSTALLING ROOFING MATERIALS	
CONSTRUCTION STAIRS	
INSULATE EXTERIOR WALLS/CELINGS	

YOUTH APPRENTICESHIPS

Youth Apprenticeships offer students, beginning in the eleventh grade, a course of study which brings together academics, work-site learning, and paid work experience, all prior to high school graduation. It also includes post-secondary options and preparation for the world of work. When you complete a **Youth Apprenticeship** program, you can enter a Standard Apprenticeship program at the second-year level, or enter a community college and apply **Youth Apprenticeship** credits toward a two-year degree.

CERTIFICATIONS

- 10 Hour OSHA Safety Training
- 60 Hour Builder Pre-licensure (student would then be able to take State Builder's Licensing Exam)
- Rough Terrain Fork Lift Certification
- MC3 Pre-Apprenticeship Readiness

WHERE YOU CAN GO FROM HERE:

Your second year could include:

Return to Construction Technology Co-op program at TTC, attend a different TTC program.

Following one or two years in this program, you may find employment as a Construction Worker, or Apprentice Carpenter.

You may continue your education at a college or trade school to prepare yourself for advance careers in Construction.