



STEM Career

TONY MANUFACTURING ENGINEER

INDUSTRIAL MAGNETICS, INC

CORE TASKS

- Work on programming for CNC machines
- Research new processes and machines
- Set up new machines and systems for use in our facility
- Troubleshoot new or existing product problems involving designs, materials, or processes

OUTLOOK



**Increase in
job demand**

Check out
occupations as a
CNC Operator or as a
Mechanical Engineer



ANNUAL SALARY RANGE

\$60,860–\$130,430

MICHIGAN



\$45,820–\$102,460

**NORTHWESTERN
MICHIGAN**

• Salary information from O*net

What were Tony's education and career path like?

I graduated from Boyne City High School and attended NCMC for some classes and certificates.

I have worked in manufacturing for about 23 years starting in general labor, to machinist, and currently manufacturing engineer.

HIGH SCHOOL CAREER TECH OPTIONS



- Charlevoix Emmet ISD Career Tech Programs: Machine Tool Technology; Welding Technology
- Northwest Education Services Career Tech Center: Engineering Academy; Robotics and Automation; Precision Machining; Welding
- Wexford Missaukee ISD Career Tech Center: Manufacturing Technology; Metal Fabrication and Welding

**ENGINEERS OFTEN HAVE AN
ASSOCIATE OR BACHELOR DEGREE;
YOU CAN ALSO ADVANCE WITH ON
THE JOB EXPERIENCE**

**You can start with manufacturing or
engineering training at any of these**

- Kirtland Community College
- North Central Michigan College
- Northwestern Michigan College
- Westshore Community College
- Baker College

FOCUSING ON CAREERS NEAR YOU



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