



STEM Career

JOSH

PRODUCT DEVELOPMENT ENGINEERING MANAGER

CONE DRIVE BY TIMKEN



How will your
designs be used?

CORE TASKS

- Design and launch new products
- Redesign existing products
- Use data and calculations to develop prototype through 3D modeling and review product with cross functional teams
- Work with all internal departments and customers to ensure smooth transitions throughout the process

OUTLOOK



**Increase in
job demand**

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



ANNUAL SALARY RANGE

\$92,300–\$187,530

MICHIGAN



\$80,830–\$176,710

**NORTHWESTERN
MICHIGAN**

• Salary information from O*net

Josh's career advice:

If you're interested in engineering try to get your hands dirty with things you like. Take apart and work on your bike or car. Think about how the things are made and if there are things that could be made better. If you like software look at the code of some of your favorite programs and understand how they work and find areas that could be improved.

HIGH SCHOOL CAREER TECH OPTIONS



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

ENGINEERS USUALLY HAVE A BACHELORS DEGREE

You can start your post-secondary education with an associates degree from from 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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