



Our Partners

Our academy relies on generous support and extensive collaboration with its advisory board and local partners from the following companies.



Academy Mission

The goal of the Pontiac High School Manufacturing Engineering Pathway is to provide students with skills and knowledge they need to compete in future manufacturing fields.



Curriculum

Pontiac High School's students take courses in CAD/CAM, print reading & measurement, welding, electronic controls and more. This program takes what students already aspire to do in areas that they love and helps them gain employable skills to have a career in that field.

We prepare our students to compete for these highly sought out jobs in a way that positions them at the forefront of consideration. Our curriculum is vetted by industry professionals and designed to keep pace with industry standards.

Course Selections Include:

- Additive Manufacturing
- Engineering
- Employability
- Mechanical Theory
- Hand Tools
- Bearings & Seals
- Machining & Welding
- CAD/CAM Design
- Modeling
- GD&T
- Operations
- Design & Development

What is NAF?

Mission

NAF solves some of the biggest challenges facing education and the economy by bringing education, business, and community leaders together to transform the high school experience.

Vision

NAF envisions a world in which all young people have equal opportunity for successful futures.



Our Academy

In Pontiac High School's Manufacturing Engineering Pathway, we engage students by using Manufacturing Engineering as a lens to analyze, approach, and solve everyday problems. Students learn how to think as professionals, demonstrate high levels of engagement, and experience the joy of learning.

The **Pontiac High School Manufacturing Engineering NAF Academy** is open to all students beginning in the 9th grade. It is a four-year program which includes curriculum designed to prepare students for jobs in the Manufacturing field directly out of high school.

Upon graduation, students will have earned certifications and worked internships with local business to prepare them for immediate employment upon graduation.

Outcomes

Most students who participate in this program will:

- Gain skills and knowledge to be immediately employable by local businesses upon graduation
- See better academic performance in all of their classes as a result of higher engagement
- Feel like they are part of a team



For more information about any of Pontiac High School's College and Career Pathways, contact the school and ask to speak to the appropriate grade-level counselor.

9th Grade – Laura Ibarra
10th Grade – Mary McMillian
11th Grade – Lakeisha Taylor
12th Grade – Lisa Smolinski

PONTIAC HIGH SCHOOL

(248) 451-7300

Dr. Suzanne Kavanaugh, Principal
Dr. Sheila L. Sherman, CTE Supervisor
1051 Arlene Street, Pontiac MI, 48340
(248) 451-7314/7315
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PONTIAC HIGH SCHOOL

Manufacturing Engineering Pathway

naf.org
[#BeFutureReady](https://www.instagram.com/BeFutureReady)

