



## Get your hands on these Trades-focused opportunities

“I learn by doing, through hands-on, independent work that allows me to identify problems and stick with it until I find a solution. My longterm goals are to be happy in a well-paying career where I can use my hands, do what I love and be useful to my family and my community.

– Notes from a Minnetonka student focus group

Minnetonka High School offers a variety of pathways to students with a passion for real-world, hands-on learning that could lead to a lucrative career in the skilled trades.

As part of the MOMENTUM design and skilled trades program, students can look forward to rich learning opportunities, such as:

- guest speakers & panel presentations
- connections to local businesses
- information about trade certifications
- on-ramps to trade and technical schools
- Senior Capstone experience for students who complete an advanced-level course

### Trades Pathways Quick Facts

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New MHS courses to be offered in and 2023-24.

3M

The skilled trades gap in the United States is expected to reach Three million job vacancies by 2028\*

2026

Projected: Better-than-average employment in the building trades at least through 2026\*

16k

Number of skilled electricians needed nationwide with more anticipated as professionals near retirement\*\*

### CONTACT

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### Partner with MHS!

Help Minnetonka High School connect students with the Trades community.

Please complete the form:

<http://bit.ly/MTKA-MOMENTUM>

## CREATING AWARENESS

### Business Connections

MHS staff and the Trades Advisory Board, made up of leaders in the trades industry, are working to strengthen connections between MHS students and local companies looking to train students, fill apprenticeships, and hire dedicated MHS students and recent graduates.

### Certifications

Skilled trade certifications give students portable skills that lead to fulfilling, well-paying jobs.

Certifications can also lead to greater responsibility within an organization and prepare individuals to succeed should they choose to pursue a two- or four-year academic pathway later.

### Technical Schools

Minnesota is home to many technical schools with vibrant programs that lead to technical certificates or associates degrees.

Look for announcements on college/career visits and guest panel discussions that include representatives from these schools.

“MHS is a **school of opportunities** where we work to help each student find their passion and place. **MOMENTUM**, in particular, is a way for students to **broaden their horizons** and apply their learning in real life scenarios.  
– **Jeff Erickson**  
Principal  
Minnetonka High School

## IT'S ABOUT YOU

### Core Curriculum

Your strong Minnetonka High School core curriculum (English, math, social studies, science) will help you hone the skills you'll need for success on the job and as you consider supervisory-level opportunities.

Stay engaged! Personalize your learning and incorporate your passion for this work wherever you can.

### Be Valued

The skilled trades can provide significant economic value:

- begin with paid work experience
- gain skills and confidence
- pursue certifications
- take advantage of training that may be fully paid by employers
- feel valued by employers and customers

### Stand Out

In MHS **MOMENTUM** courses, you'll be able to apply what you're learning and develop the skills you need to stand out to employers. Hands-on, project-based work will allow you to demonstrate critical thinking and problem-solving skills.

Enrollment and engagement in an advanced **MOMENTUM** course are key to gaining a teacher recommendation that may be needed to participate in the offsite Senior Capstone experience.



### Project Lead the Way

empowers students to develop and apply in-demand skills by exploring real-world challenges. MHS offers three PLTW pre-engineering courses focused on solving problems, thinking critically and collaborating.

*In 2020, 80.2% of Minnetonka students completing the PLTW requirements earned college credit.*



The **MHS Senior Capstone Project** provides students the opportunity to apply and participate in a two-week, off-campus experience at the end of their senior year. Students explore their passions and work with a mentor in a real-world learning environment.

*Enrollment in an advanced Tech Ed course is required. MHS teacher recommendation may be requested.*

# MHS PATHWAYS

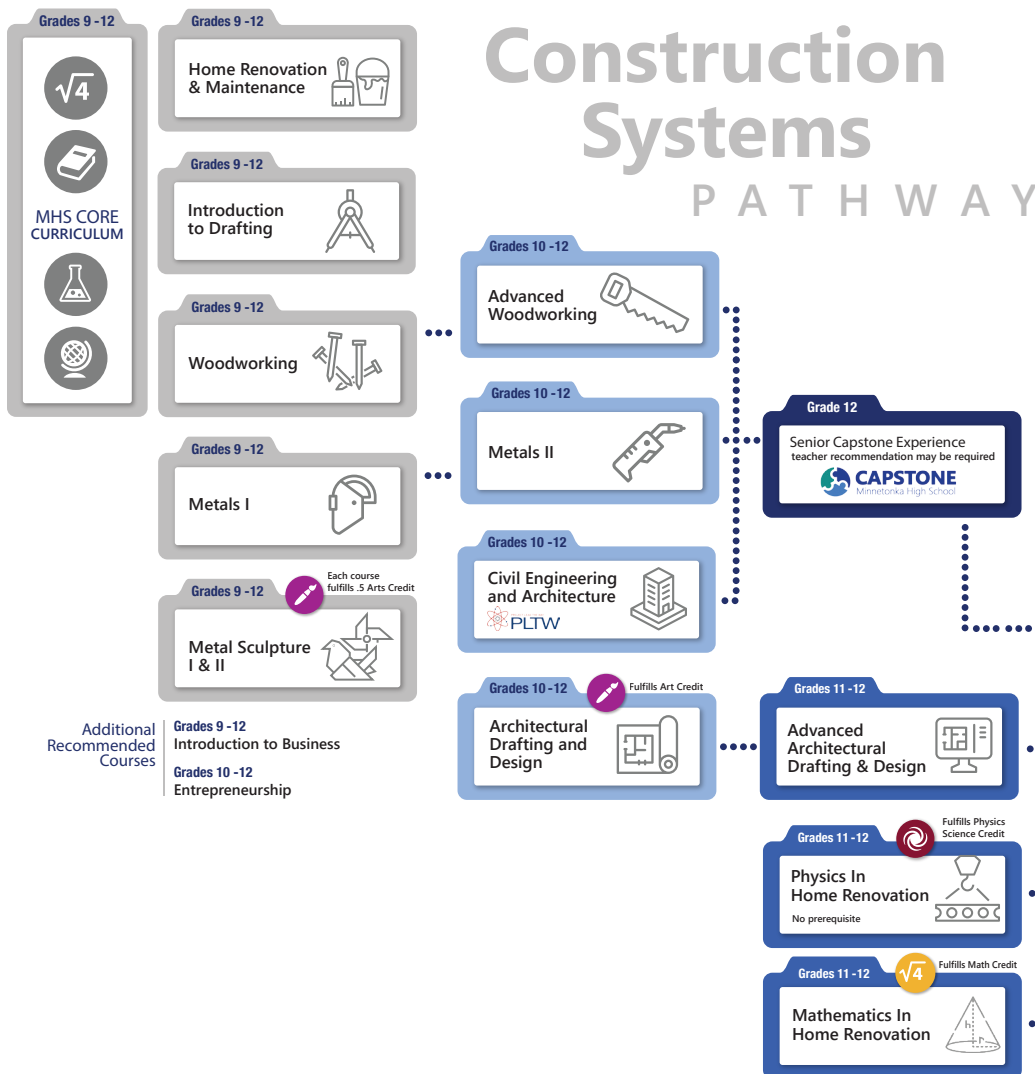
## What is the skilled trades gap?

Highly skilled individuals in the trades are critical to a strong U.S. economy. Employers need new talent today to replace retiring workers.

### New MHS courses for 2023-24:

- 23-24:** Automotive Electrical/Electronic Systems
- 23-24:** Automotive Steering and Suspension Systems
- 23-24:** Aviation I
- 23-24:** Aviation II
- 23-24:** Transportation Careers and Global Commerce

## What's the right pathway for you?



### Business Connections

- RJM Construction, Golden Valley

### Career Options

- Carpenter
- Electrician
- Ironworker
- Laborer
- Superintendent
- Project Engineer (Office)
- Field Engineer
- Architect
- Draftsperson

### Post-secondary

- Two-year specialized design program
- Four-year architecture degree

# Manufacturing PATHWAY

Grades 9 -12

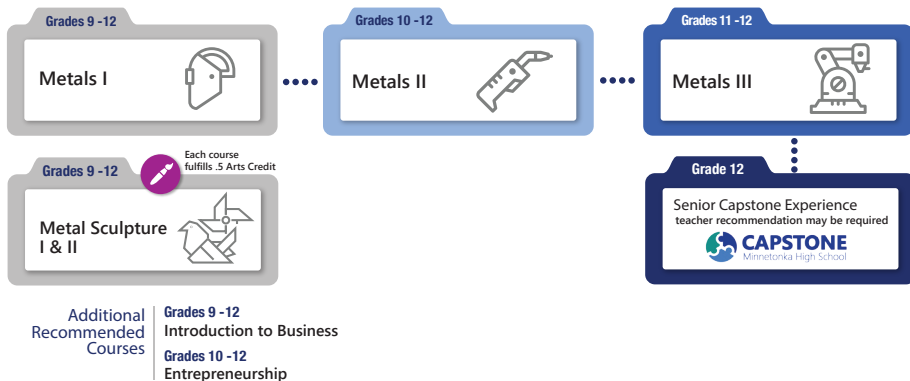
**MHS CORE CURRICULUM**

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## MHS Activities/Clubs

- Supermileage
- Robotics

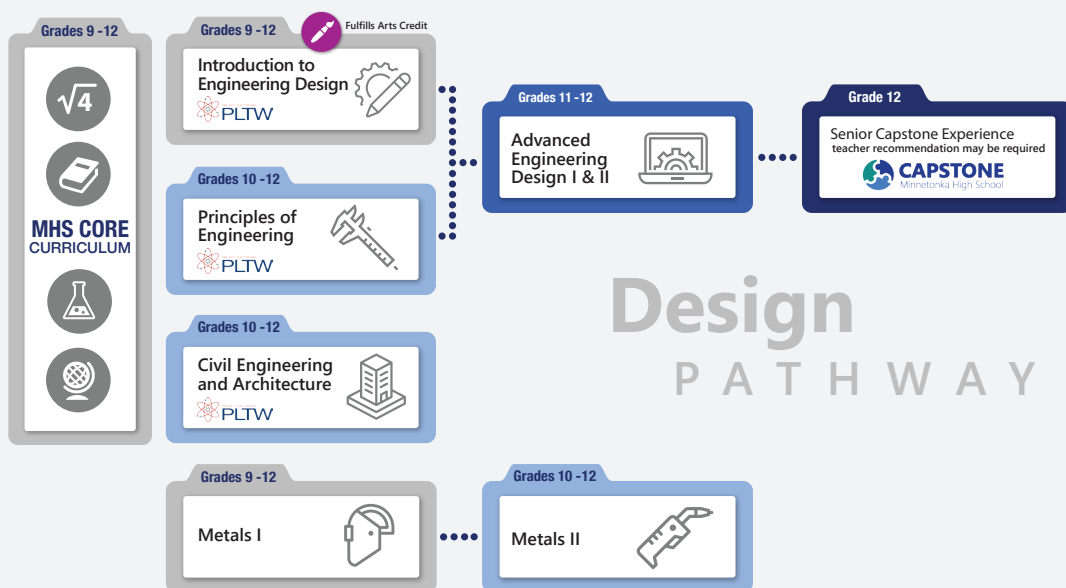
## Career Options

- Welding, Machinist, Robotics

## Post-secondary

- Two- and four-year options

# Design PATHWAY



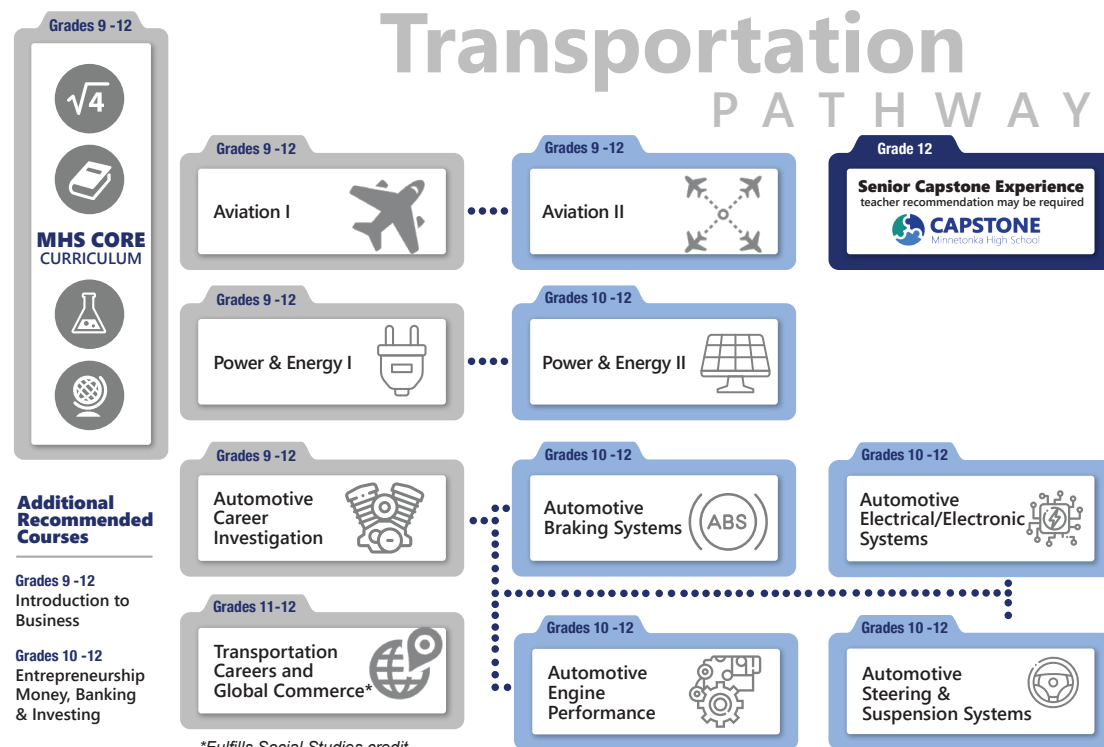
## MHS Activities/Clubs

- Robotics
- Science Olympiad
- Supermileage

## Post-secondary

- Four-year engineering degree

# Transportation PATHWAY



## MHS Activities/Clubs

- Robotics
- Supermileage

## Post-secondary

- Two- and four-year options

## Career Options

- Automotive Technician
- Master Mechanic
- Sales: Cars, Parts, Service
- Finance
- Management
- Systems Administrator
- Engineering
- Pilot or Drone Operator
- Entrepreneur/Business Owner