



Get your hands on these Trades-focused opportunities

“I’m not the kind of person who likes to sit in a chair all day. 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 long-term 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 MOMENTUM, 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

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Partner with Us!

Help us connect MHS students with the Trades community. Please complete the form:

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

Trades Pathways Quick Facts

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New MHS course: **Advanced Automotive I** (available Spring 2022 in new MOMENTUM facility)

3M

The skilled trades gap in the United States is expected to reach 3 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**

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.

Create awareness and support for all students on all pathways (trades, military, gap years, technical school, colleges and universities, etc.) to promote the **best match for each student.**

– Minnetonka School Board
2019-20 Board Goal

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 Technology Education 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 Tech Ed 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?

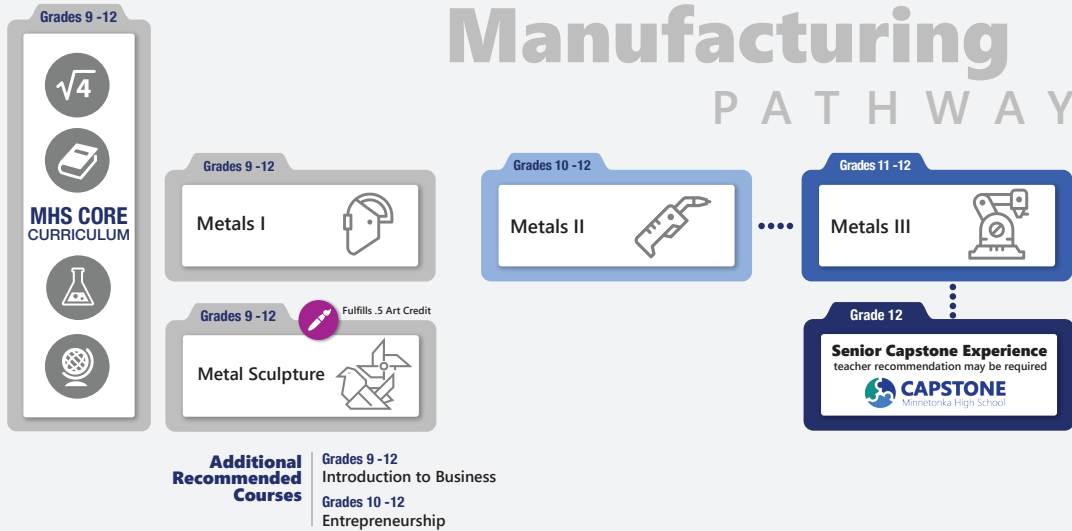
Highly skilled individuals in the trades are critical to a strong U.S. economy. Employers need new talent today to replace retiring workers.

What's the right pathway for you?

New MHS course for 2021-22 School Year:

Advanced Automotive I (grades 11-12)

Will be offered in new MOMENTUM facility, to be completed for Spring 2022



MHS Activities/Clubs

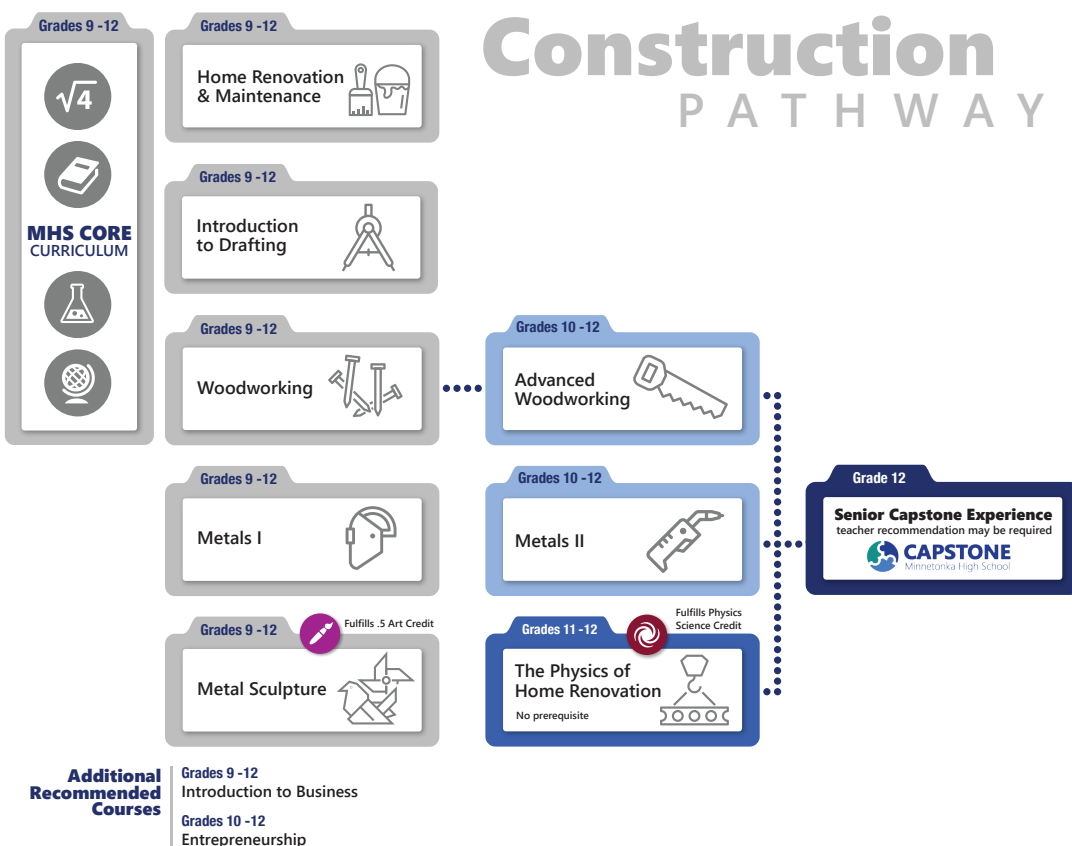
- Supermileage
- Robotics

Career Options

- Welding, Machinist, Robotics

Post-secondary

- Two- and four-year options

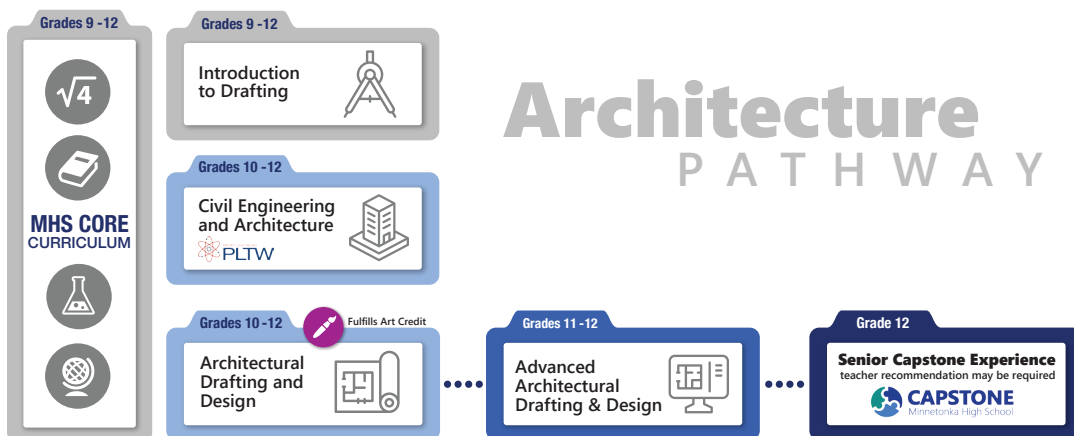


Business Connections

- RJM Construction, Golden Valley

Career Options

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

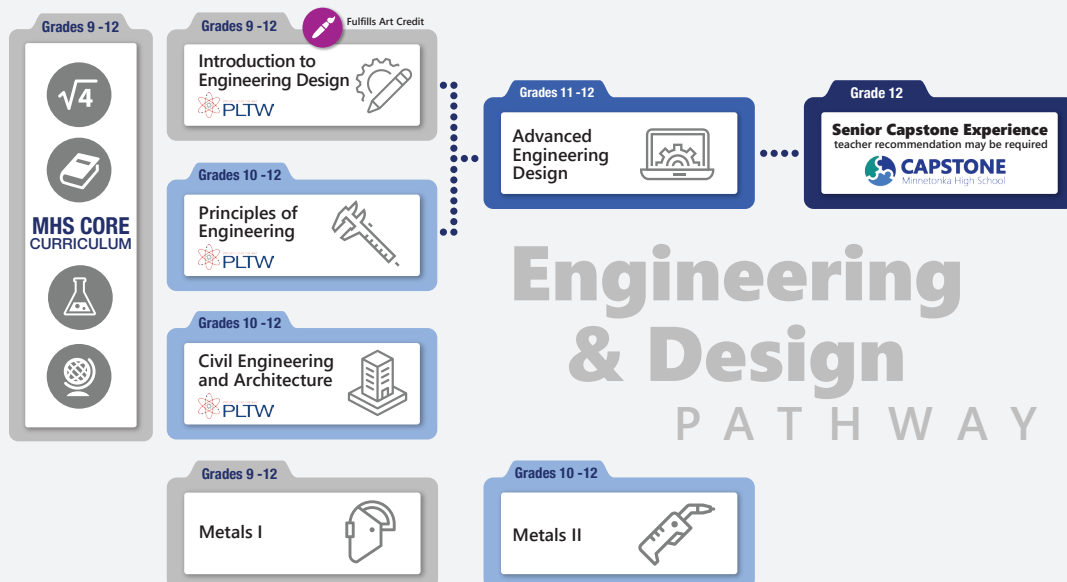


Career Options

- Architect
- Draftsperson

Post-secondary

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

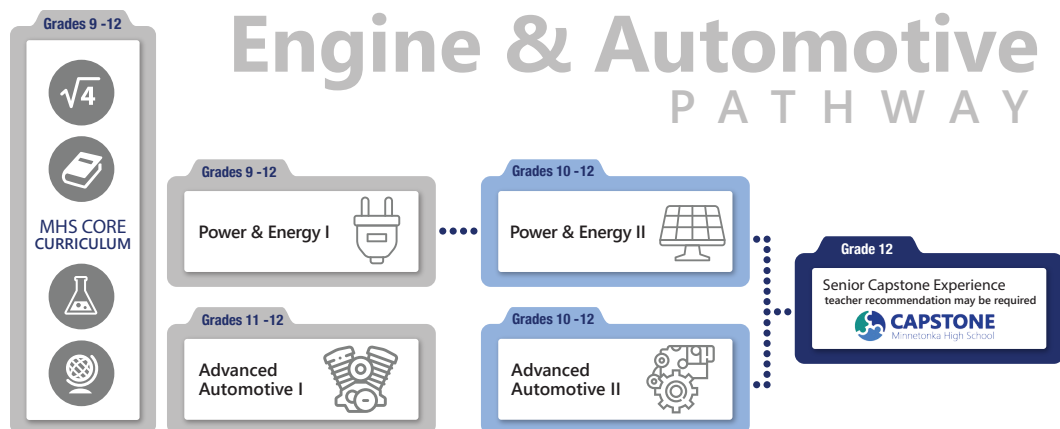


MHS Activities/Clubs

- Robotics
- Science Olympiad
- Supermileage

Post-secondary

- Four-year engineering degree



MHS Activities/Clubs

- Robotics
- Supermileage

Post-secondary

- Two- and four-year options

Career Options

- Automotive Technician
- Master Mechanic

Additional Recommended Courses

Grades 9 -12
Introduction to Business

Grades 10 -12
Entrepreneurship
Money, Banking & Investing