

LEARN *More*

about
career and technical
education



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Ed
Northwest
Education
Services

Interested?

- 📞 Talk to your high school counselor
- 📞 Call us: 231.922.6273
- 📍 Visit us: 880 Parsons Rd, Traverse City
- 🌐 Browse the web: NorthwestEd.org

Welding

Gain the practical experience and instruction in the set-up and use of equipment and processes common to the welding trade. Fundamentals of welding layout, fabrication and repair are at the start of what can lead to American Welding Society welder certification.

Core Skills

- Welding theory, process, and practice
- AWS welding positions and joints
- Industrial safety and implementation
- Oxy-fuel cutting
- Oxy-fuel, Arc, Mig, Tig welding

Future Career Options

- Certified welder
- Industrial or construction welder
- Pipe fitter
- Maintenance or shop welder
- Welding inspector
- Automation programmer
- Shop supervisor/project manager
- Welding engineer

Certifications/Academic Credit

- Math credit
- VPAA elective credit
- PASSES EDGE workplace safety certificate
- Northern MI Welding Educators certification
- Postsecondary articulated credit

Setting Students up for Success

Guest speakers, practical application and practice, and opportunities in job shadows and work experiences give students a strong introduction to a career in welding.

Leadership & Scholarship Opportunities

Club participation, competition and leadership can occur with Skills USA, National Technical Honor Society and Student Council.

21 Career & Technical Programs

Agriscience	Health Sciences
Auto Repair	Information Technology
Business Careers	Power Equipment
Collision Repair	Precision Machining
Construction Trades	Public Safety
Culinary Arts	Robotics & Automation
Early Education	Teacher Academy
Electrical Occupations	Web & App Development
Engineering Academy	Welding
Film & New Media	Writers Studio
Graphic Arts	

Student Support & Guidance

- Career Tech staff teach and reinforce positive work ethic in all students.
- Attendance and academic progress is monitored to guide students toward individual growth and career planning that will establish a pathway to a meaningful life.
- Seminars are provided on college planning, financial aid and scholarship opportunities.

Job Training & Experience

Career Tech programs offer all students a chance to:

- Gain hands-on training
- Use state-of-the-art technology
- Demonstrate leadership, workplace readiness and ethics
- Participate in internships, job shadows, work experience, or paid co-op experience