

LEARN *More*

about
career and technical
education



Ed

Northwest
Education
Services

Web & App Development

Learn how to design and build websites from scratch using HTML5, JavaScript, jQuery, and Cascading Style Sheets (CSS). Students also learn the fundamentals of programming using the programming language Python to develop simple 2D animations and games.

Core Skills

- Plan, design, build websites from scratch
- 2D animation and game development
- Fundamentals of computer programming
- Problem-solving skills
- Teamwork
- Communication skills

Future Career Options

- Computer programmer
- Web developer
- Web designer
- Game developer
- Database administrator
- Network administrator
- Systems administrator
- Software engineer

Certifications/Academic Credit

- English credit (Grade 11 & 12)
- Math credit (Grade 12)
- VPAA elective credit
- PASSES EDGE workplace safety certificate
- AP Computer Science Principles Exam

Setting Students up for Success

Students can jumpstart their careers by networking with guest speakers and industry professionals they meet through job shadows, internships, college tours and field trips to area tech companies.

Leadership & Scholarship Opportunities

Leadership and scholarship opportunities can occur through membership in National Technical Honor Society and Student Council.

Interested?

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

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