

LEARN *More*

about
career and technical
education



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

Electrical Occupations

The demand for skilled electricians is growing! Gain experience and active learning in an exciting career that involves generating, moving and using electricity. Opportunity for success is rapid as construction spending and the demand for alternative energy sources are projected to increase.

Core Skills

- Residential, commercial and industrial wiring
- Understanding Programmable Logic Controllers
- Industrial motor controls
- Teamwork/employability skills
- Conduit bending
- HVACR
- Energy Production
- Communication skills

Future Career Options

- Residential electrician
- Industrial electrician
- Lineman
- HVACR technician
- Solar installer
- Electrical engineer
- Robotics/automation engineer
- Maintenance technician

Certifications/Academic Credit

- Math credit
- VPAA elective credit
- PASSES EDGE workplace safety certificate
- Postsecondary articulated credit
- CPR and first aid certification
- OSHA basic training

Setting Students up for Success

Making connections with guest speakers and taking advantage of job shadows, co-op and work placements give students real experience in the field of electrical occupations.

Leadership & Scholarship Opportunities

Club participation, competition and leadership can occur with Skills USA, MITES, 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