ELECTRICAL & SOLAR ENERGY ACADEMY

The Electrical & Solar Energy Academy exposes students to the energy industry structure, processes, and terminology. In addition, students will gain a solid understanding of industrial electricity. This Academy will provide students an excellent foundation for a variety of careers in the energy industry as well as in the construction trades industry, including entry-level occupations available after high school and those that require post-secondary education. Students will receive highly skilled hands-on experience that prepares them for real-world work, with training in the industry's most in-demand electrical and solar power techniques.

Future Careers

- Electrician
- Security and Fire Alarm Installer
- Electrical Power Line Installer
- Electrical Power Line Repairer
- Solar Panel Installer
- Wind Turbine Service Technician

Students in this Academy will be prepared for high-demand, entry-level employment in the electrical field.

Electrical & Solar Energy Pathway

Students in this pathway are required to complete a minimum of four of the following courses:
- Technical Drawing and Engineering Design
- Carpentry
- Electrical Applications - *required*
- Construction 1
- Construction 2 – Advanced Building Trades
- Physics 1

In addition, students may choose two of the courses from the list below:
- Microsoft Office Applications
- Advanced Applications – Word/PowerPoint
- Advanced Applications – Excel/Access
- Cooperative Education/Work Experience