

# Electrical Trades

## PSLA at Fowler CTE Pathway

**The Career Field:** Electricians install, maintain, and repair electrical power, communications, lighting, and control systems in homes, businesses, and factories.

With advancements in technology driving increasingly complex installation techniques for wiring, safety and repair, electricians are in high demand and will continue to be in the future.

As homes and businesses require more wiring, electricians will be needed to install the necessary components.

**The Program:** From designing lighting systems to installing street lights and intercom systems to learning about the latest renewable energy concepts including solar, wind and geothermal technologies — this program provides the hands-on skill development and technical training you need to secure entry-level employment (or higher) in the electrical trades field.

Students in the Electrical Trades program at the Public Service Leadership Academy at Fowler will learn about:

- » Key theories behind digital electronics and circuitry
- » Installation of switches, receptacles, fire alarms, security systems, and motor controls
- » Intricacies of wiring
- » Connections and conductors

Syracuse City



School District



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## CTE Pathway

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### Career Opportunities

- » Electrician
- » Transmission Technician
- » Lineman
- » Residential Wireman

### College Credit & Certificates

- » OSHA 10 Construction Safety
- » SUNY Alfred

### Partnerships

- » Central New York Joint Apprenticeship and Training Committee
- » Weydman Electric
- » City of Syracuse
- » International Brotherhood of Electrical Workers
- » Fortino Electronic

### Who

Any SCSD 8<sup>th</sup> grade student may apply to the Electrical Trades CTE Pathway at PSLA at Fowler.

### Cost

There is no cost to for the Electrical Trades CTE Pathway.


### Where

Students in the Electrical Trades CTE Pathway will attend PSLA at Fowler.

### Apply

During the 8<sup>th</sup> grade year, students apply online at [www.scsd.us](http://www.scsd.us) or in person at the **Student Registration Center (1005 W. Fayette St.)**.

All applicants (accompanied by a parent or guardian) must complete an in-person interview with PSLA staff.



Do you enjoy making things work? Do you want to work both indoors and outdoors? Do you like solving problems and exercising your brain while working with your hands?

**The Electrical Trades Pathway at PSLA at Fowler may be for you!**