

# Welding

## Corcoran CTE Pathway

**The Career Field:** Welders build and repair metal structures, machines and equipment using specialized equipment that produces intense heat to fuse metal parts together. Welders work in a wide variety of industries, including construction, shipbuilding, car racing, oil and gas, mining, and manufacturing.

Employment in this field is projected to grow 6 percent from 2016 to 2026.

Syracuse City



School District

**The Program:** The program is designed to prepare students for extended study in an apprenticeship, two-year college or employment. The skills taught are based on the Standards of the American Welding Society (AWS). The society and its standards are recognized worldwide as a benchmark for skilled welders.

Students will learn:

- » Basic and advanced practices of metal inert gas (MIG), stick and tungsten inert gas (TIG) welding
- » Plasma and torch cutting
- » Metal art
- » Safety (OSHA training)
- » Introduction to fabrication and repair
- » Aluminum and stainless steel TIG Welding



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## CTE Pathway

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### Career Opportunities

- » Welding
- » Construction
- » Plumbing/Pipefitting

### Certification

- » OSHA 10 Construction Safety

### Partnerships

- » C&S Companies
- » G.A. Braun, Inc.
- » Mack Brothers Boiler & Sheet Iron Works
- » Manufacturers Association of Central New York

### Who

Any SCSD 8<sup>th</sup> grade student may apply to the Welding CTE Pathway at Corcoran.

### Cost

There is no cost to for the Welding CTE Pathway.

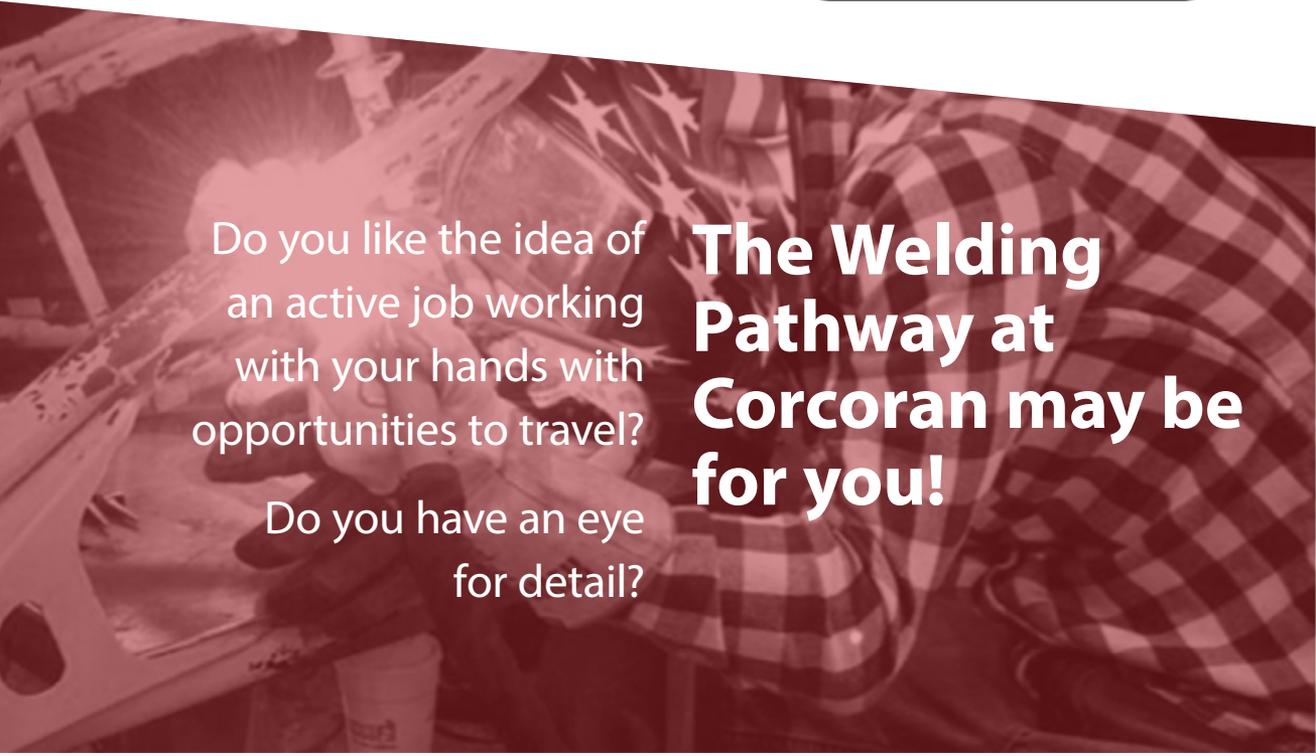
### Where

Students in the Welding CTE Pathway will attend Corcoran High School.

### 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 Corcoran staff.



Do you like the idea of  
an active job working  
with your hands with  
opportunities to travel?

Do you have an eye  
for detail?

**The Welding  
Pathway at  
Corcoran may be  
for you!**