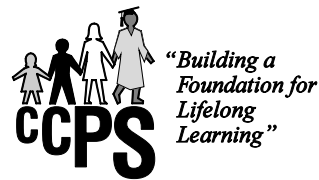




Students will take the following certification exams:

- American Welding Society  
~ QC10 Entry Level
- NCCER — Core: Intro to  
Craft Skills

## Welding & Metals Technology



**Cecil County  
School of Technology  
912 Appleton Road  
Elkton, MD 21921  
410 392-8879**

**CECIL COUNTY  
SCHOOL OF TECHNOLOGY  
912 APPLETON ROAD  
ELKTON, MD 21921  
410 392-8879**

# Welding and Metals Technology

## Career & Technology Education

The Welding and Metals Technology program is only offered at the Cecil County School of Technology (CCST).

Students from the five county high schools have the opportunity to begin this program during the spring semester of their junior year by a designated application process. Students will complete the program during the fall semester of their senior year.

Students are encouraged to develop positive work attitudes while building individual skills for success.

Transportation is provided from the home school to and from CCST. Program fees include the cost of trade appropriate clothing, tools, and license/certification tests.

A physical exam is required before entering the program.



Expect Success at CCST

Certifications, Citizenship, Skills & Technology

## Welding & Metals Technology

This program will cover the following:

- Occupational Orientation
- Safety & Health of Welders
- Drawing & Welding Symbols

Principals & Practices in the following:

- Shielded Metal Arc Welding
- Gas Metal Arc Welding
- Flux Cored Arc Welding
- Gas Tungsten Arc Welding
- Thermal Cutting
- Welding Inspection & Testing

## Welding & Metals Technology

This program covers the fundamental processes of oxyacetylene, shielded metal arc, gas metal arc, gas tungsten arc, & flux cored arc welding. Identification of welding equipment, metals, metal shapes, joint design, technical drawing reading, related math, and technical reading are included. A written or job related final project is required.

Students may earn certification as an American Welding Society (AWS) Entry Level Welder at the completion of the program.

*PRE: Algebra I*

*Fee is approximately \$180 for uniform and equipment plus \$50 for the certification exam.*

**Students earning a B or higher in Welding & Metals Technology I & II may receive articulated college credit.**

