Students will take the following certification exams:

- NCCER — Core: Intro to Craft Skills
- NCCER—Industrial Welding Level I

Revised 12/2016
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 their junior year by a designated application process. Students will complete the program during 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 & Techno-

Welding & Metals Technology

This program will cover the following:

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

Principles & 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 certifications in NCCER - Core: Intro to Craft Skills and NCCER - Industrial Welding Level 1

PRE: Algebra I Fee is approximately $200 for uniform and equipment. A grinder is also required for this course.

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