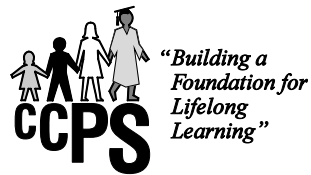




Students will take the following certification exams:

- **NCCER — Core: Intro to Craft Skills**
- **NCCER — Industrial Maintenance**



Cecil County School of Technology

912 Appleton Road

Elkton, MD 21921

410 392-8879

Revised 8/2015

HEAVY INDUSTRIAL MAINTENANCE



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HEAVY INDUSTRIAL MAINTENANCE

CAREER & TECHNOLOGY EDUCATION

The Heavy Industrial Maintenance (HIM) program is only offered at the Cecil County School of Technology (CCST). Students from the five county high schools have the opportunity to begin the HIM 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. They 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. Students in Heavy Industrial Maintenance are required to have a physical before entering the program.



Expect Success at CCST
Certifications, Citizenship, Skills & Technology

Heavy Industrial Maintenance

This program will cover the following:

- Electrical Safety
- Hand Bending
- Electrical Theory I & II
- Electrical Test Equipment
- National Electrical Code
- Conductors
- Introduction to Electrical Blueprints
- Oxy-fuel Cutting
- Wiring: Commercial/Industrial
- Motors
- Installation of electrical services
- Contactors/Relays
- Lubrication of equipment & systems
- Bearings
- Copper & Plastic Piping
- Metal Piping
- SMAW—Equipment and Setup



This program provides students an opportunity to learn about the industry as it relates to commercial building maintenance. Participants gain experience in a variety of electrical and maintenance skills. Skill competencies include demonstration of mastery of commercial and industrial wiring, piping practices, shielded metal arc welding, and welding safety. The course of study correlates to the modules of the National Center for Construction Education and Research (NCCER) standards.

PRE: Algebra I

REC: Design & CADD Technology

Fees are approximately \$205 for uniform and equipment.

Students earning a B or higher in Heavy Industrial Maintenance I & II may receive articulated college credit.

