Program Overview

The CCST Commercial Vehicle & Heavy Equipment Repair Program offers entry-level technical training in accordance with the ASE (The National Institute for Automotive Service Excellence) Inspection, Maintenance, and Minor Repair (IMMR) standards. ASE IMMR standards set forth student diesel tech career training goals in the areas of; Shop Safety and Tool Use, Vehicle Electrical/Electronic Systems, Air & Hydraulic Brakes, Suspension & Steering, Diesel Engines, Class 5-8 Truck Maintenance & Minor Repair. Students will also develop the necessary workplace skills for professional career



Median Pay

$48,500 per year
$23.32 per hour

How many jobs are available in the industry?

The Bureau of Labor Statistics estimated a total of 281,300 jobs in the Diesel Service Technicians and Mechanics industry in 2019 with an estimated 3% average growth through 2029.





Cecil County Public Schools does not discriminate in admissions, access, treatment or employment in its programs and activities on the basis of race, color, gender, age, national origin, religion, sexual orientation, or disabling condition.

CCST Diesel Technology Website

https://sites.google.com/ccps.org/ccst-diesel-technician-program/home

Expect Success at CCST

Certifications, Citizenship, Skills & Technology

Revised 10/2025

Commercial Vehicle & Heavy Equipment Repair



CECIL COUNTY SCHOOL OF TECHNOLOGY

Exploring Your Tomorrow!

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Commercial Vehicle & Heavy Equipment Repair

Career & Technical Education

The Commercial Vehicle & Heavy Equipment Repair 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 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.



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Main Program Areas

- Shop safety and tool use
- Electrical/Electronic Systems
- Brakes
- Suspension & Steering
- Engines, Fuel, & Exhaust
- Preventive Maintenance

Examples of Program Topics

- Steering systems diagnosis and repair
- Computerized Wheel Alignment
- Electrical System and Engine Computer Diagnostics
- Air and hydraulic brake diagnosis and repair

Prerequisite: *Algebra I*

Approximate cost: *$90 uniforms, $150 certification exams, $50 materials*

What Businesses are Partnering?

Partnerships have been established with the following:

Cecil College: Workforce Development and Business Solutions
York Building Products, Company
Beltway North East International
Bayshore Truck Center
Ag-Industrial, Inc.
Carter Machinery
Allan Myers
Vulcan Materials Company



Program Course Sequence

Junior Year, First Semester
Medium/Heavy Truck: Electrical/Electronic Systems

Junior Year, Second Semester
Medium/Heavy Truck: Suspension & Steering, and Brakes

Senior Year, All Year
Medium/Heavy Truck: Diesel & Preventative Maintenance

Students earning a final grade of B or higher in all courses in the program sequence may receive articulated college credit. Please refer to the Articulation Agreement Chart for a list of program specific institutions.