





Program Course Sequence

Junior Year, First Semester

Foundations of Building & Construction Technology

Junior Year, Second Semester

Carpentry 1

Senior Year, All Year

Carpentry 2

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.

Students will take the following certification exams:

- NCCER - Core: Intro to Craft Skills
- NCCER - Carpentry Level I



CECIL COUNTY SCHOOL OF TECHNOLOGY

Exploring Your Tomorrow!

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Revised 10/2025

CONSTRUCTION TRADES





Cecil County Public Schools

Cecil County
School of Technology
912 Appleton Road
Elkton, MD 21921

Phone: 410.392.8879 Fax: 410.392.8884
Guidance Office: 410.392.8880

CONSTRUCTION TRADES

Career & Technical Education

The Construction Trades program is only offered at the Cecil County School of Technology (CCST).

Students from the five county high schools have the opportunity to begin most programs at the start of their junior year by a designated application process. Students complete their programs at the end 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 costs include the cost of uniform shirts, tools, and NCCER registrations. A physical is required for entry into the Construction Trades program.





Expect Success at CCST

Certifications, Citizenship, Skills & Technology

Construction Trades

This program will cover the following:

- Basic Safety
- Introduction to Construction Math
- Introduction to Hand Tools
- Introduction to Power Tools
- Introduction to Construction Drawings
- Basic Communication Skills
- Introduction to material handling
- Building Materials, Fasteners, and Adhesives
- Hand and Power Tools
- Construction Drawings, Specifications, and Layout
- Floor Systems
- Wall Systems
- Ceiling Joist and Roof Framing
- Introduction to Building Envelope Systems
- Basic Stair layout

Construction Trades

The Construction Trades program at CCST is a nationally recognized, competency based program that prepares students for the NCCER core and carpentry skills certification tests.

This program requires the student to complete a designated number of hours in the shop and in the classroom. The program prepares students to layout, fabricate, erect, install, and repair wooden/metal structures and fixtures using hand and power tools.

Concepts related to building materials, material estimating, blueprint reading, and common systems of framing are included in the curriculum.

The skill set from this program may lead to various opportunities in the construction industry.

PRE: *Algebra I* ***REC:*** *Design & CADD Tech I*
Class Fee: *Approximately $282 for tools, and course materials/equipment, $40 for exams, and $80 for uniforms.*

