

EDUCATIONAL OPPORTUNITIES

The purpose of this program is to provide educational and work experience for the students to move from the classroom to the work force and to promote enrollment in post-secondary programs to earn an Associate's Degree from a Community College and/or a Bachelor's Degree from a University in the areas of Horticulture, Landscape Design, Turf Management, Greenhouse Management, and Agricultural Studies.

Students earning a "B" or higher in all Landscaping & Horticulture Technology courses may receive articulated college credit.

Program Course Sequence

Junior Year, First Semester
Principles of Plant, Animal & Environmental Science

Junior Year, Second Semester
Foundations of Horticulture

Senior Year, First Semester
Plant Production

Senior Year, Second Semester
Landscape Design & Management

Students who successfully complete all courses in the Landscaping and Horticulture Production Program Sequence will also be awarded one science credit.

CERTIFICATION TESTING

Students are required to take the exam to become a Certified Professional Horticulturalist by the Maryland Nursery and Landscape Association. Students will also take the Maryland Pesticide Applicators test to become a private applicator.

LEADERSHIP

All students will become members of the National Student Organization - FFA. Students can compete in Career Development Events, Landscape and Nursery production and Floral Design.

PROGRAM FEES

Cost of trade appropriate clothing, tools, and license/certification exams.
Uniform approximately $70.00
Certification $75.00—Senior Year
FFA Membership—$20.00 per year



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Landscaping and Horticulture Production

CECIL COUNTY SCHOOL OF TECHNOLOGY

Exploring Your Tomorrow!

Cecil County Public Schools

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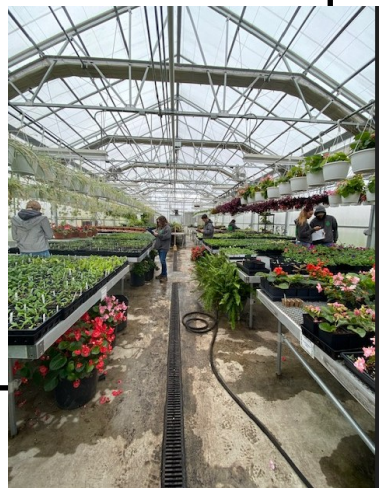
Guidance Office 410-392-8880

Expect Success at CCST
Certifications, Citizenship, Skills & Technology

GREENHOUSE PRODUCTION

Working in the school's greenhouse, the students will raise crops of poinsettias, a spring crop of annuals and perennials along with hanging baskets, herbs, and hydroponic vegetables. Plant identification, propagation, and fertilizers will also be studied.



EQUIPMENT OPERATION

The safe operation and maintenance of many types of landscaping and nursery equipment will be studied, such as tractors, aerators, over-seeders, mowers, dethatchers, and chain saws.





FLORAL DESIGN

The principles of floral Design will be studied as the students construct corsages, seasonal arrangements and specialty arrangements. Proper storage, conditioning, and flower identification is included in the content.



CAREER & TECHNICAL EDUCATION

The Landscaping & Horticulture Technology program is only offered at CCST. Students from five county high schools have the opportunity to begin the program during their junior year through an application process. Students will complete their programs during their senior year.

HYDROPONICS

Students use hand on skills to learn how to grow vegetables and herbs in nutrient solutions without soil. They learn how to construct, operate, and maintain this specific type of growing system.



LANDSCAPE AND TURF MANAGEMENT

The students will install lawns, plant trees and shrubs and learn how to maintain them. The students will understand basic soil types and how to improve them. They will work with pesticides and fertilizers. Students will also construct walls and walkways with hardscaping materials.



PESTICIDES

Students will study pesticides including safe handling, application techniques, formulations, and environmental concerns to prepare for certification.