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.

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.

PROGRAM FEES
Cost of trade appropriate clothing, tools, and license/certification exams.
Uniform approximately $45.00
Certification $40.00

Revised 12/2019
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, de-thatchers, and chain saws.

AQUACULTURE
Using our 1,200 gallon aquaculture tank, we will raise Koi to be used in ornamental ponds. The operation and installation of outdoor ponds is also studied.

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.

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

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.

FLORAL DESIGN

LANDSCAPE AND TURF MANAGEMENT

PESTICIDES

GREENHOUSE PRODUCTION

EQUIPMENT OPERATION

AQUACULTURE