



- Production and Sales
- Landscape Design
- Marketing
- Turf Management
- Research
- Golf Course Superintendent

## For More Information

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## Pittsylvania Career and Technical Center

### Horticulture Science

### 1 Year Program

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# Horticulture Science– 1 Year Program

9 <sup>th</sup> Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
PE9
Recommended Elective: Agriculture, Introduction to Plant Systems
Digital Applications (6611)
Elective

## Recommended Pre-Requisites

- ♦ Algebra I
- ♦ Biology
- ♦ Chemistry
- ♦ Agriculture– Plant Science

## Credentials

- ♦ Certified Commercial Pesticide Applicator Exam



10 <sup>th</sup> Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Recommended Elective: Agriculture Production Technology
Recommended Elective: Agriculture Business Fundamentals
Turf Management Establishment and Maintenance (8051)
Elective



\*\*Please note, in addition to Technical and Program requirements, students must complete the requirements for graduation at the base school.

11 <sup>th</sup> Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus

12 <sup>th</sup> Grade
English 12
US Government
Elective
Environmental Science, Astronomy, or Chemistry

## 11<sup>th</sup> or 12<sup>th</sup> Grade

Semester 1: Greenhouse Plant Production and Management (8035) Horticulture Sciences (8034)

Semester 2: Landscaping I (8036) Floriculture (8038)

\*\* Student would take 4 electives at their base school during the year they are not attending PCTC or enroll into a different 1 year program at PCTC.

## Course Description

In this program students apply scientific principles to the field of horticulture, including the areas of floriculture, landscape design, greenhouse operation, nursery plant production, and turf management. Students will practice safety, develop leadership traits, use plant growing media, and identify, propagate, and grow horticultural plants in the greenhouse and land laboratory.

In this program students will develop skills in landscape design, landscape construction, and landscape maintenance. Landscaping offers skilled workers satisfying career opportunities in varying work environments.