



- Production and Sales
- Landscape Design

Marketing

• Turf Management

Research

• Golf Course Superin-

tendent

# For More Information

Jessica S. Dalton, Principal Pittsylvania Career and Technical Center 11700 US Hwy 29 Chatham, VA 24531 (434) 432-9416



Pittsylvania Career and Technical Center

### **Horticulture Science**

1 Year Program



## **Horticulture Science- 1 Year Program**

#### 9th Grade

English 9

World History I or II

Earth Science

Algebra I or Geometry

PE9

Recommended Elective: Agriculture, Introduction to Plant Systems

Digital Applicaiotns (6611)

Elective

#### **Recommended Pre-Requisites**

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

#### **Credentials**

 Certified Commercial Pesticide Applicator Exam



#### 10th Grade

English 10

Biology

Geometry, Algebra II, or Algebra Functions & Data Analysis

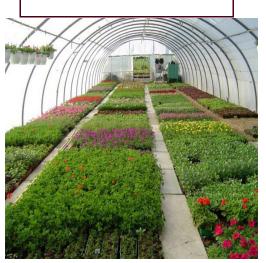
**PE10** 

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.

#### 11th Grade

English 11

**US** History

Economics & Personal Finance

Algebra Functions & Data Analysis, Adv. Algebra/ Trigonometry, or Pre-Calculus

#### 12th Grade

English 12

**US** Government

Elective

Environmental Science, Astronomy, or Chemistry

### 11th or 12th 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.