

**Degree Offered**

Associate in Applied Science  
Horticulture

**Curriculum Code: HORT.AAS**

**Program Information**

This program prepares students on the growing and breeding of plants as well as maintaining productive soils.

**When You Graduate**

AAS programs are designed for students who want to enter a career directly after graduating but those who change their plans find that most of their Cumberland credits transfer to four-year colleges.

Students are encouraged to visit the NJ Transfer website: [www.njtransfer.org](http://www.njtransfer.org) for transfer course equivalencies.

Cumberland graduates have transferred to ever university in New Jersey and scores of universities throughout America.

The latest technology and learning tools support your education for a wide range of employment opportunities.

This program prepares you for entry-level positions in a variety of career areas that include landscaping, landscape design, golf course management, garden center operation, and nursery or greenhouse management

# Horticulture, AAS

Program Requirements (60 credits) Credits

**Year 1, Fall semester**

<input type="checkbox"/> AG 105 Introduction to Agricultural Science	3
<input type="checkbox"/> EN 101 English Composition I	3
<input type="checkbox"/> CH 101 Chemistry I	4
<input type="checkbox"/> OH 130 Interior Plants and Plant Scaping	3
<input type="checkbox"/> BU 219 Retailing	3
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**Year 1, Spring semester**

<input type="checkbox"/> AG 207 Agricultural Pest Control	4
<input type="checkbox"/> BI 101 General Biology I	4
<input type="checkbox"/> EN 102 English Composition II or EN 103: Technical Writing	3
<input type="checkbox"/> General Education Mathematics Elective	3
<input type="checkbox"/> General Education Humanities Elective	3
	17

**Year 2, Fall semester**

<input type="checkbox"/> AG 106 Plant Science	4
<input type="checkbox"/> AG 209 Introduction to Soil Science	4
<input type="checkbox"/> OH 106 Plant Materials	3
<input type="checkbox"/> General Education Social Science Elective	3
	14

**Year 2, Spring semester**

<input type="checkbox"/> AG 107 Plant Propagation	3
<input type="checkbox"/> AG 108 Herbaceous Plants	3
<input type="checkbox"/> OH 204 Greenhouse Management	4
<input type="checkbox"/> General Education Diversity Elective	3
	13

**Total Credits 60**

Upon completion of this program, students should be able to:

- Apply knowledge of the Anatomy and Physiology of vascular plants by identifying, selecting, and managing agricultural crops
- Identify, select, and propagate woody and herbaceous plants used in the Mid-Atlantic region.
- Recognize and evaluate key pests and propose solutions for pest management.
- Display effective decision making, time management and project management skills in the horticulture industry through a field experience.
- Locate, retrieve, and critically evaluate information and information sources.