



# horticulture technology

# CULTIVATE

The Horticulture Technology program is designed to prepare students for various careers in horticulture. Classroom instruction and practical laboratory applications of horticultural principles and practices are included in the program of study. Course work includes plant science, plant materials, propagation, soils, fertilizers, and pest management. Also included are courses in plant production, landscaping, and the management and operation of horticulture businesses.

Upon completion of the program, graduates should qualify for employment opportunities in nurseries, garden centers, greenhouses, landscape operations, gardens, and governmental agencies. Graduates should also be prepared to take the North Carolina Pesticide Applicator's Examination and the North Carolina Certified Plant Professional Examination.

The entire campus—a designated arboretum with an impressive plant collection—is

a learning laboratory that allows students to directly apply their classroom knowledge. Our greenhouse, woody plant nursery, and orchard also serve as wonderful student resources.

**“The greatest service which can be rendered (to a society) is to add a useful plant to its culture.”**

*Thomas Jefferson*



For more information, contact 828.627.4560 or visit the Natural Resources website at <http://naturalresources.haywood.edu> on the Internet.



## Horticulture Technology

### CURRENT CURRICULUM

#### FIRST YEAR

Fall  
 CIS 110 Introduction to Computers  
 ENG 111 Expository Writing  
 HOR 134 Greenhouse Operations  
 HOR 160 Plant Materials I  
 HOR 162 Applied Plant Science  
 HOR 166 Soils and Fertilizers

Spring  
 MAT 140 Survey of Mathematics  
 HOR 116 Landscape Management I  
 HOR 168 Plant Propagation  
 HOR 235 Greenhouse Production  
 HOR 260 Plant Materials II

Summer  
 AGR 263 Vegetable Production  
 HOR 152 Horticultural Practices  
 HOR 164 Horticulture Pest Management  
 HOR 265 Advanced Plant Materials

#### SECOND YEAR

Fall  
 ENG 113 Literature-Based Research  
 or  
 ENG 114 Professional Research and Reporting  
 HOR 112 Landscape Design I  
 HOR 124 Nursery Operations  
 HOR 255 Interiorscapes  
 TRF 110 Introduction to Turfgrass Culture and ID  
 Social and Behavioral Sciences

Spring  
 BUS 280 REAL Small Business  
 HOR 213 Landscape Design II  
 HOR 225 Nursery Production  
 HOR 245 Horticulture Specialty Crops  
 Humanities and Fine Arts