

Awards

Associate Degree: Horticulture Technology (A15240)
Length of Program: 5 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

Certificate: Basic Landscape Maintenance (C15240C1)
Length of Program: 3 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

Certificate: Viticulture Certificate (C15240C3)
Length of Program: 2 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

Certificate: Basic Horticulture Certificate (C15240H1)
Length of Program: 2 Semesters
Prerequisite: Placement Test Equivalent

Program Information Contact

Curriculum Chairperson

Dr. Robin Pusztay
 (910) 678-8447

Horticulture Educational Center, Room 101B
 pusztayr@faytechcc.edu
 www.faytechcc.edu

Other Important Information

Application Deadlines: The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

Scholarship/Title IV Financial Aid/VA Services: Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study may or may not be eligible for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.



2201 Hull Road
 P.O. Box 35236
 Fayetteville, NC 28303
 (910) 678-8400

Physical Address:
 670 N. Eastern Boulevard
 Fayetteville, NC 28301

HORTICULTURE TECHNOLOGY



www.faytechcc.edu

*Fayetteville Technical
Community College*

910-678-8400
 P.O. Box 35236 • 2201 Hull Road
 Fayetteville, NC 28303

An Equal Opportunity Employer

PROGRAM FACT SHEET HORTICULTURE TECHNOLOGY (A15240)



These curricula are designed to prepare individuals 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 identification, pest management, plant science and soil science. Also included are courses in sustainable plant production and management, landscaping, and the operation of horticulture businesses.

Graduates should qualify for employment in a variety of positions associated with nurseries, garden centers, greenhouses, landscape operations, governmental agencies/parks, golf courses, sports complexes, highway vegetation, turf maintenance companies, and private and public gardens. Graduates should also be prepared to take the North Carolina Pesticide Applicator's Examination and/or the North Carolina Certified Plant Professional Examination.

Horticulture Technology is program that focuses on the general production and management of cultivated plants, shrubs, flowers, foliage, trees, groundcovers, and related plant materials; the management of technical and business operations connected with horticultural services; and the basic scientific principles needed to understand plants and their management and care.



FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE HORTICULTURE TECHNOLOGY (A15240)

Effective: Fall 2025

Revised: 02/20/25

Length: 5 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Associate in Applied Science

FALL SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
ACA	120	Career Assessment	1	0	0	1
or						
ACA	122	College Transfer Success	0	2	0	1
CIS	111	Basic PC Literacy	1	2	0	2
ENG	110	Freshman Composition	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
HOR	160	Plant Materials I	2	2	0	3
HOR	162	Applied Plant Science	2	2	0	3
		Humanities/Fine Art Elective	3	0	0	3
TOTALS			11	6	0	15

SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
HOR	134	Greenhouse Operations	2	2	0	3
HOR	161	Plant Materials II	2	2	0	3
HOR	166	Soils & Fertilizers	2	2	0	3
		Mathematics Elective	2	2	0	3
		Social/Behavioral Sci Elect	3	0	0	3
TOTALS			11	8	0	15

SUMMER SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
HOR	124	Nursery Operations	2	3	0	3
HOR	164	Hort Pest Management	2	2	0	3
TOTALS			4	5	0	6

FALL SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
COM	120	Intro Interpersonal Com	3	0	0	3
or						
COM	231	Public Speaking	3	0	0	3
HOR	112	Landscape Design I	2	3	0	3
HOR	215	Landscape Irrigation	2	2	0	3
HOR	278	Hort Bus Entrepreneurship	3	0	0	3
		Major Elective	2	2	0	3
TOTALS			12	7	0	15

SPRING SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
HOR	168	Plant Propagation	2	2	0	3
HOR	213	Landscape Design II	2	2	0	3
HOR	255	Interiorscapes	1	2	0	2
HOR	277	Hort Sales & Services	3	0	0	3
TRF	110	Intro Turfgrass Cult & ID	3	2	0	4
TOTALS			11	8	0	15

TOTAL REQUIRED CREDITS.... 66



Work-Based Learning

Option: Qualified students may elect to take up to three (3) credit hours of Work-Based Learning in lieu of a Major elective provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

Note: Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

Refer to the FTCC website for the most current information. Go to www.faytechcc.edu and click on College Catalog.