



Department of Arts, Sciences, & Natural Resources

Program & Technical Standards for Horticulture Technology Majors

Concerns with a Course

If you have any concerns about a course, including accessibility concerns, **first consult your instructor**. If after meeting with your instructor, if you feel that your concern has not been satisfactorily addressed, or if you feel that you cannot effectively communicate with your instructor about the issue, you may contact the following people in the following order:

Second Contact

Dean of Arts, Sciences, and Natural Resources: Matthew Heimburg, (828) 627-4579, mheimburg@haywood.edu
Department Assistant: Imogene Rogers (828) 565-4223 or Jenny Carver (828) 627-4560

Third Contact

Vice President of Instruction: Wendy Hines, (828) 565-4069, whines@haywood.edu

Program Outcomes

The Horticulture Technology degree program is designed to facilitate development of the following program outcomes:

1. Demonstrate an ability to propagate plants asexually (tissue culture, grafting, cuttings, layering and division).
2. Identify landscape plants by vegetative characteristics.
3. Perform soil tests to determine soil characteristics (texture, fertility, pH and temperature).
4. Demonstrate an understanding of plant processes and responses including photosynthesis, transpiration, translocation, tropisms and reproduction.
5. Schedule the production of crops including vegetable starts, herbs and bedding plants.
6. Manage the production of crops.
7. Prepare a marketing brochure for selling crops.
8. Demonstrate an understanding of the cultural requirements for selected crops.
9. Deliver a verbal presentation covering a crop produced.
10. Demonstrate knowledge of sound pest management practices for controlling weeds, insects and diseases.
11. Demonstrate knowledge of various production methods for growing crops including field, high tunnel and greenhouse.
12. Demonstrate knowledge of sound soil management practices including cover crops, conservation tillage, crop rotation and composting.

EXAMPLES ARE NOT ALL INCLUSIVE.

Haywood Community College is an ADA compliant institution. The College does not discriminate on the basis of disability in the admissions process or in access to its programs, services and/or activities for qualified individuals who meet essential eligibility requirements. The College will provide reasonable accommodations for documented disabilities of individuals who are eligible to receive or participate in college programs, services and/or activities. Student Services provides a disability counselor to assist students in requesting disability related accommodations. If a student believes that he/she cannot meet one or more of the essential functions without accommodations, the student is encouraged to disclose the disability to the disability counselor as soon as possible. Students must certify the ability to *meet essential functions of the curriculum by a signed statement in the beginning of the program*.



Clinical and Lab Activity Information

Program of Study: Horticulture Technology

Department: Arts, Sciences, and Natural Resources

Job Requirements	Occasional	Frequent	Constant
Activity:			
(List # of lbs.) 5-30			
Lifting			
Static Knuckle Height	_____	_____	_____
Bench Height	_____	√ (5 lbs)	_____
Ankle Height	_____	_____	_____
Shoulder Height	√ (20 lbs)	_____	_____
Dynamic Bench Height	_____	_____	_____
To the Left	_____	_____	_____
From the Center	_____	_____	_____
To the Right	_____	_____	_____
Carrying	_____	√ (20-30 lbs)	_____
Cart Height (3 feet)	_____	√ (5 lbs)	_____
Pushing	√ (20 lbs)	_____	_____
Pulling	√ (20 lbs)	_____	_____
List Frequency Only:			
Sitting	_____	√	_____
Standing/Walking	_____	√	_____
Climbing			
Stairs	_____	_____	_____
Ladder	√	_____	_____
Balance			
Stooping	√	_____	_____
Kneeling	√	_____	_____
Crouching	√	_____	_____
Crawling	_____	_____	_____
Reaching			
Forward	_____	√	_____
Overhead	√	_____	_____
Bending Reach	√	_____	_____
Other	_____	_____	_____
Handling	_____	√	_____
Fingering	√	_____	_____
Feeling	_____	√	_____
Hearing	_____	_____	√
Seeing	_____	_____	_____
Near	_____	_____	√
Distance	_____	√	_____
Reading	√	_____	_____
Calculating	√	_____	_____
Compiling	_____	_____	_____

Lifting Frequencies:

Occasional	1 lift every 30 minutes
Frequent	1 lift every 2 minutes
Constant	1 lift every 15 seconds

Other Activities:

Occasional	0-33% (1-20 min per hour)
Frequent	34-66% (21-40 min per hour)
Constant	67-100% (41-60 min per hour)