

Area of Study: Career and Technical
Pathway: Horticulture: Grounds Maintenance
Type: Certificate
Curriculum Code: HRT.GRM.CERT (C401C)

(Total Program Credits: 30)

Designed to facilitate the learner into a career in grounds maintenance. Includes golf course, sports turf and commercial turf maintenance properties.

PROGRAM LEARNING OUTCOMES:

At the successful completion of the Horticulture/Ground Maintenance Certificate, the graduate will be able to:

- describe the basic divisions of ground maintenance;
- demonstrate the proper use of equipment;
- demonstrate the proper safety rules used in ground maintenance;
- identify the cultural requirements of plants;
- integrate appropriate maintenance practices in the Botanic Garden; and
- develop a functional plan for a horticulture business.

(Fall 2021)

Program Map for Full-Time Students

Semester One: Fall	Category	Stackable Certificate	Stackable Certificate	Stackable Degree	Next Steps
		Pesticide Applicator	Greenhouse Grow Operations	Horticulture AAS	
HRT 100 Introduction to Horticulture (4)	<i>Required</i>			✓	Meet with your Academic Advisor to create an academic plan. Explore stackable certificate(s)/degree(s)
HRT 125 Plants and Society (4)	<i>Required or Math/ Science</i>			✓	
HRT 127 Entomology: Insects, People and Plants (3)	<i>Required</i>	✓	✓	✓	
HRT 128 Plant Pathology (3)	<i>Required</i>	✓	✓	✓	

14 Credit Hours

Semester Two: Spring	Category	Stackable Certificate	Stackable Certificate	Stackable Degree	Next Steps
		Pesticide Applicator	Greenhouse Grow Operations	Horticulture AAS	
HRT 126 Plant Propagation/Greenhouse Operations (3)	<i>Required</i>		✓	✓	Meet with your Academic Advisor to finalize your academic plan for graduation

HRT 135 Soils and Fertilizers (3)	<i>Required</i>		✓	✓	and register for stackable certificate/degree (option). Submit graduation petition by deadline (check for the specific date in catalog or syllabus.) Pesticide and Greenhouse Certificates Complete
HRT 140 Landscape Construction and Maintenance (4)	<i>Required</i>		✓	✓	
HRT 225 Evergreens, Vines, Groundcovers (3) or HRT 261 Herbaceous Ornamental Plants (3)	<i>Required</i>			✓	
HRT 285 (3) Turf and Lawn Management	<i>Required</i>			✓	

16 Credit Hours

See HRT course descriptions.

Coordinator: Christopher Clem, Email: [Christopher Clem](mailto:Christopher.Clem@unh.edu), Cell: (224) 805-3382