

PROGRAMS

LANDSCAPE GARDENING - TURFGRASS MANAGEMENT

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, government 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.

Turfgrass Management Technology: A program that focuses on turfgrasses and related groundcover plants and prepares individuals to develop ornamental or recreational grasses and related products; plant, transplant, and manage grassed areas; and to produce and store turf used for transplantation. Potential course work includes instruction in applicable plant sciences, genetics of grasses, turf science, use analysis, turf management, and related economics

Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
ENG-111	Writing and Inquiry	3	0	3
HOR-160	Plant Materials I	2	2	3
LSG-111	Basic Landscape Technique	2	0	2
LSG-121	Fall Gardening Lab	0	6	2
MAT***	MAT-110 or higher	2-3	2	3-4
WBL-110	World of Work	1	0	1
Credit Hours		10-11	12	15-16

Second Semester (Spring)				
HOR-166	Soils & Fertilizers	2	2	3
HOR-257	Arboriculture Practices	1	3	2
LSG-122	Spring Gardening Lab	0	6	2
TRF-110	Intro Turfgrass Cult & ID	3	2	4
WBL-111	Work-Based Learning I	0	10	1
Credit Hours		6	23	12

Third Semester (Summer)				
ENG-112 or	Writing/Research in the Disc or			

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		Course Hours Per Week		Semester Hours
ENG-114	Prof Research & Reporting	3	0	3
LSG-123	Summer Gardening Lab	0	6	2
TRF-152	Landscape Maintenance	2	2	3
WBL-121	Work-Based Learning II	0	10	1
***	Humanities/Fine Arts Elective	3	0	3
	Credit Hours	8	18	12
Fourth Semester (Fall)				
HOR-112	Landscape Design I	2	3	3
TRF-210	Turfgrass Eqmt Mgmt	1	4	3
TRF-220	Turfgrass Calculations	2	0	2
TRF-230	Turfgrass Mgmt Apps	1	2	2
WBL-131	Work-Based Learning III	0	10	1
***	Social/Behavioral Sciences Elective	3	0	3
	Credit Hours	9	19	14
Fifth Semester (Spring)				
HOR-114	Landscape Construction	2	2	3
HOR-164	Hort Pest Management	2	2	3
HOR-215	Landscape Irrigation	2	2	3
LSG-244	Advanced Issues/LSG	2	0	2
TRF-260	Adv Turfgrass Mgmt	3	2	4
	Credit Hours	11	8	15
Sixth Semester (Summer)				
WBL-212	Work-Based Learning IV	0	20	2
	Credit Hours	0	20	2
Total Required Minimum Semester Hours Credit				70

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