

## PROGRAMS

### LANDSCAPE GARDENING - GREENHOUSE GROWER

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.

**Landscape Gardening:** A program that prepares individuals to manage and maintain indoor and/or outdoor ornamental and recreational plants and groundcovers and related conceptual designs established by landscape architects, interior designers, enterprise owners or managers, and individual clients. Potential course work includes instruction in applicable principles of horticulture, gardening, plant and soil irrigation and nutrition, turf maintenance, plant maintenance, equipment operation and maintenance, personnel supervision, and purchasing.

#### Certificate Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
HOR-160	Plant Materials I	2	2	3
LSG-111	Basic Landscape Technique	2	0	2
MAT***	MAT-110 or higher	2-3	2	3-4
<b>Credit Hours</b>		<b>6-7</b>	<b>6</b>	<b>9-10</b>
Second Semester (Spring)				
HOR-134	Greenhouse Operations	2	2	3
<b>Credit Hours</b>		<b>2</b>	<b>2</b>	<b>3</b>
Third Semester (Summer)				
HOR-142	Fruit & Vegetable Prod	1	2	2
<b>Credit Hours</b>		<b>1</b>	<b>2</b>	<b>2</b>
Fourth Semester (Fall)				
HOR-235	Greenhouse Production	2	2	3
<b>Credit Hours</b>		<b>2</b>	<b>2</b>	<b>3</b>
Total Required Minimum Semester Hours Credit				17

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