

### **Horticulture Technician (Technical Diploma)**

***This program is only offered at correctional institutions for incarcerated students.***

This program is designed to prepare students for employment in the areas of production and management in horticultural enterprises. It includes instruction and practical experience in the lab which is equipped and managed according to industry standards. Upon graduation of this program students are qualified to take LA State examinations to become licensed horticultural professionals such as Arborists, Horticulturists, Landscape Contractors, and Certified Commercial Pesticide Applicators. Permits may also be obtained to become Nursery Stock and Cut Flower Dealers.

To receive this diploma, the student must:

- Have a cumulative GPA of 2.00 or better in all credit hours to be used towards the degree.
- Earn a "C" or better in all coursework.
- Complete the coursework listed below.

#### **Program Outcomes. Upon successful completion of the program, the graduate will be able to:**

1. Demonstrate the skills needed for entry and intermediate levels of employment in the areas of production and management in horticultural enterprises.
2. Demonstrate the skills needed for nurseries, landscaping, turf installation, interior-scaping, and professional lawn care.
3. Demonstrate the ability to install plants and diagnose ailments in plants (including lawns), knowledge of laws and regulations of the industry, and specialize in plant identification.
4. Demonstrate safe and efficient work practices, legal and efficient work practices, licensed and certified knowledge of the field, employability skills, and strong work ethics.
5. Demonstrate knowledge and skills necessary to pass licensing exams administered by the Louisiana Department of Agriculture and Forestry, Horticulture Commission, and the Louisiana Nursery and Landscape Association.

#### **PROGRAM OF STUDY**

<b>First Semester</b>		<b>Credit Hours</b>
HORT 1210	Introduction to Plant Science	3
HORT 1130	Native Plants of Louisiana I	2
HORT 1420	Plant Propagation	3
HORT 1220	Louisiana Laws and Regulations	1
HORT 1000	Fall Horticulture Lab	2
		<b>11</b>
<b>Second Semester</b>		<b>Credit Hours</b>
HORT 2110	Landscaping	5
HORT 1110	Soils, Fertilizers, and Water	5
HORT 1240	Native Plants of Louisiana II	2
HORT 1020	Spring Horticulture Lab	2
		<b>14</b>
Exit Point: CTS, Landscape Technician (Total Hours)		<b>25</b>
<b>Third Semester</b>		<b>Credit Hours</b>
HORT 1310	Greenhouse Procedures	3

HORT 1230	Turfgrass	2
HORT 1320	Fruit and Vegetable Produce	2
HORT 1330	Native Plants of Louisiana III	2
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		<b>9</b>

<b>Fourth Semester</b>		<b>Credit Hours</b>
HORT 1120	Plant Pest Control	4
HORT 1010	Summer Horticulture Lab	2
HORT 1040	Landscape Calculations	3
HORT 1030	Landscaping Lab	2
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		<b>11</b>

TD: Horticulture Technician (Total Hours)      **45**

For additional information, contact the Academic Evaluator for Corrections at (225) 359-9299.