

Horticulture Technician (Technical Diploma)

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 and/or the embedded certificate of technical studies, the student must:

- Have a cumulative GPA of 2.00 or better in all credit hours to be used towards the award.
- 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

First Semester		Credit Hours
HORT 1113	Introduction to Plant Science	3
HORT 1123	Native Plants of Louisiana I	3
HORT 1133	Plant Propagation	3
HORT 1141	Louisiana Laws and Regulations	1
HORT 1154	Soils, Fertilizers, and Water	4
HORT 1162	Horticulture Lab I	2
Semester Total:		16
Second Semester		Credit Hours
HORT 1213	Greenhouse Procedures	3
HORT 1222	Turfgrass	2
HORT 1232	Introduction to Irrigation	2
HORT 1244	Plant Pest Control	4
HORT 1253	Native Plants of Louisiana II	3
HORT 1262	Horticulture Lab II	2
Semester Total:		16
Third Semester		Credit Hours
HORT 1313	Landscape Calculations	3
HORT 1322	Landscaping Equipment	2
HORT 1336	Landscaping	6

HORT 1342	Horticulture Lab III	2
Semester Total:		13

Total Program Credit Hours: 45

Horticulture Credentials Available:

		Credit Hours
HORT 1113	Introduction to Plant Science	3
HORT 1123	Native Plants of Louisiana I	3
HORT 1133	Plant Propagation	3
HORT 1141	Louisiana Laws and Regulations	1
HORT 1154	Soils, Fertilizers, and Water	4
HORT 1162	Horticulture Lab I	2
HORT 1213	Greenhouse Procedures	3
HORT 1222	Turfgrass	2
CTS: Ornamental and Turf Pest Technician		21

		Credit Hours
HORT 1113	Introduction to Plant Science	3
HORT 1123	Native Plants of Louisiana I	3
HORT 1133	Plant Propagation	3
HORT 1141	Louisiana Laws and Regulations	1
HORT 1154	Soils, Fertilizers, and Water	4
HORT 1162	Horticulture Lab I	2
HORT 1213	Greenhouse Procedures	3
HORT 1222	Turfgrass	2
HORT 1232	Introduction to Irrigation	2
HORT 1244	Plant Pest Control	4
HORT 1253	Native Plants of Louisiana II	3
HORT 1262	Horticulture Lab II	2
HORT 1313	Landscape Calculations	3
HORT 1322	Landscaping Equipment	2
HORT 1336	Landscaping	6
HORT 1342	Horticulture Lab III	2
TD: Horticulture Technician		45

For more information, contact the Division of Technical Education at (225)-216-8367.