

6/19/2023 DATE

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 REQUIRED COURSE
 ELECTIVE COURSE

Agriculture DIVISION

☐ NEW COURSE
☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-201	TITLE: (30 Characters Max)		Introduction to Horticulture							
SEM CR HRS:	3	Lecture:	2	Lab:	2	ECH:	4				
Course Level:	<input checked="" type="checkbox"/> Gen Ed / IAI <input type="checkbox"/> Baccalaureate /Non-IAI		<input type="checkbox"/> Career/Technical <input type="checkbox"/> Dev Ed/ Not in Degree Audit		Clinical Practicum:	0	Work-based Learning	0	WBL ECH:	0	
COURSE PCS #	11 - 01, 1103		IAI Code		AG905	Contact Hours (Minutes Per Week)					
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:	16 Wks	200	8 Wks	400
Prerequisites:											
Catalog Description: (40 Word Limit)	A study and introduction to the principles and practices involved in the development, production, and use of horticultural crops (fruits, vegetables, greenhouse, turf, nursery, floral, and landscape). Course will include a broad overview of the green industry including propagation, production and design.										

List the Major Course Segments (Units)		Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
1	Introduction—Scope, Importance, Career Opportunities	2			
2	Biology of Horticulture—Classification, Structure, Growth, Environmental Factors	10	10		
3	Technology of Horticulture—Controlling and Directing Plant Growth, Competition Propagation, Improvement	10	12		
4	Landscape Design	2	2		
5	Horticultural Crop Production	6	6		
TOTAL		30	30	0	0

EVALUATION

QUIZZES	<input checked="" type="checkbox"/>	EXAMS	<input checked="" type="checkbox"/>	ORAL PRES	<input type="checkbox"/>	PAPERS	<input type="checkbox"/>
LAB WORK	<input checked="" type="checkbox"/>	PROJECTS	<input type="checkbox"/>	COMP FINAL	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>

COURSE MATERIALS

TITLE:	Horticulture Today
AUTHOR:	J. Riedel & E. Driscoll
PUBLISHER:	Goodheart-Willcox Co.
VOLUME/EDITION/URL:	2nd Edition
COPYRIGHT DATE:	2023

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Introduction - Scope, Importance, Career Opportunities	2	Describe the horticulture industry through the diversity of job opportunities and the economic importance.
Biology of Horticulture - Classification Structure, Growth, Environmental Factors	20	Define terminology associated with plant functions, plant structures, plant processes, and techniques used in the horticultural industry.
Technology of Horticulture - Controlling and Directing Plant Growth, Competition Propagation, Improvement	22	Discuss procedures used for growth manipulation.
Landscape Design	4	Demonstrate the proper plant placement and utilization in the landscape.
Horticultural Crop Production	12	Discuss principles and practices used in the production of various horticultural crops.
Insert New Line Above this Line		
	60	

COURSE OUTCOMES*

At the successful completion of this course, students will be able to:

Define the scope, importance and career opportunities of horticulture industry of this region.

Apply plant classification and plant structures differences to actual living plants outside of the classroom.

Identify and describe various plant diseases and insects in a typical homeowner landscape.

** Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.*