

12/1/2024 DATE
☐ REQUIRED COURSE
☒ ELECTIVE COURSE

AGR DIVISION
☒ NEW COURSE
☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-067	TITLE: (30 Characters Max)		Indoor Plants-Growth & Care							
SEM CR HRS:	2	Lecture:	1	Lab:	2	ECH:		3			
Course Level:	<input type="checkbox"/> Gen Ed/IAI <input type="checkbox"/> Baccalaureate/Non-IAI		<input checked="" 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 & CIP:	12 - 01.0604		IAI Code		N/A		Contact Hours (Minutes/Week)				
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:	16 Wks	150	8 Wks	300
Prerequisites:	None										
Corequisites:	None										
Catalog Description: (40 Word Limit)	Discover the history, benefits and ideal conditions of growing houseplants. Learn about light, water and soil requirements. Troubleshoot common pests and diseases. Choose the right plants for your location for a thriving green space.										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Anatomy and plant morphology	1	2		
Indoor plant history and benefits of indoor plants	1	1		
Cultural needs: light, temperature, water, humidity, fertilizer, soil and potting	3	6		
Common houseplant varieties	5	12		
Common houseplant pests and diseases	2	4		
Recognize indoor environments and choose appropriate plants for that environment	2	4		
The business of indoor plants and the plantscape industry	1	1		
TOTAL	15	30	0	0

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

COURSE MATERIALS	
TITLE:	The New Plant Parent
AUTHOR:	Darryl Cheng
PUBLISHER:	Abrams Image
VOLUME/EDITION/URL:	1st
COPYRIGHT DATE:	2019

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Anatomy and plant morphology	3	1. Identify and differentiate between different plant parts and how this applies to plant classification, utilizing the scientific nomenclature system effectively.
Indoor plant history and benefits of indoor plants	2	1. Name the major changes in the use of indoor plants through history. 2. Generate as part of verbal or written plant sales presentation the benefits of indoor plants as related to air quality, mental health and aesthetics.
Cultural needs: light, temperature, water, humidity, fertilizer, soil and potting	9	1. Describe and demonstrate the basic cultural needs of indoor plants, including light, temperature, water, humidity, fertilizer, soil and potting. 2. Evaluate the latest industry updates in soil, lighting, containers, etc.
Common houseplant varieties	17	1. Identify common houseplant varieties. 2. Formulate the most desirable ornamental characteristics of these plants and determine the most suitable location for specific plants based on their cultural requirements.
Common houseplant pests and diseases	6	1. Identify common pests, including mealybugs, scale, aphids, spider mites and common fungal, bacterial and viral diseases. 2. Develop an action plan for pests control, including traditional and organic methods.

Recognize indoor environments and choose appropriate plants for that environment	6	1. Assess the attributes of an indoor environment for a plant or plant display. 2. Develop a list of appropriate plants that would be successful in that environment.
The business of indoor plants and the plantscape industry	2	1. Discuss the merits of starting a houseplant department or business. 2. Formulate a plan for marketing and selling plants, including legal and regulatory considerations.
	45	

Outcomes*		At the successful completion of this course, students will be able to:
Course Outcome 1	Outline the important ornamental and cultural characteristics of common indoor plants.	
Course Outcome 2	Prescribe corrective solutions to common houseplant problems (light, watering, pest, containers, etc.).	
Course Outcome 3	Construct a indoor plant design with a list of appropriate indoor plant choices for a customer.	
Primary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions and judgments.	
Secondary Laker Learning Competency	Creative Thinking & Problem Solving: Students think creatively and solve problems by successfully combining knowledge in new ways.	

*Course and program outcomes will be used in the software for outcomes assessment and should include at least 1 primary and 1 secondary Laker Learning Competency. Limit to 3-5.