

3/18/2025

DATE



REQUIRED COURSE



ELECTIVE COURSE

AGR DIVISION

 NEW COURSE REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-072	TITLE: (30 Characters Max)		Annual Flowering Plants									
SEM CR HRS:	3.0	Lecture:	2.0	Lab:	2.0	ICCB Lab:	2.0	ECH:	4.0				
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:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0			
COURSE PCS #	12 - 01.0605		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	200	8 Wks	400
Prerequisites:	None												
Corequisites:	None												
Catalog Description: (40 Word Limit)	Covers the identification and use of flowering (bedding) annuals, specialty annuals and tropical plants used for outdoor displays. Improvement in selection, changes in marketing and branding and new trends are discussed. Emphasis is placed on use in the Illinois landscape.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Plant nomenclature using anatomy and plant morphology	1	1		
Flowering (bedding) annuals	8	8		
Specialty annuals	4	4		
Tropical plants used for outdoor displays	3	3		
Annual plants in the landscape and container design	3	3		
Cultural needs: light, temperature, water, soil, fertilizer and site conditions	3	3		
Common landscape annual plant pests and diseases	2	2		
Landscape site characteristics and appropriate plant choice for that environment	2	2		
The business of branding and marketing within the horticulture industry	2	2		
Plant improvements and genetics	2	2		
TOTAL	30	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 type="checkbox"/>	COMP FINAL	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>

COURSE MATERIALS

TITLE:	Armitage's Garden Annuals: A Color Encyclopedia
AUTHOR:	Armitage, Allan M..
PUBLISHER:	Timber Press
VOLUME/EDITION/URL:	1st edition
COPYRIGHT DATE:	2004

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Plant nomenclature using anatomy and plant morphology	2	1. Identify and differentiate between different plant parts and how this applies to plant classification to utilize the scientific nomenclature system effectively.
Flowering (bedding) annuals	16	1. Identify flowering annual varieties. 2. Formulate the most desirable ornamental characteristics of these plants. 3. Determine the most suitable location for specific plants based on their cultural requirements.

Specialty annuals	8	1. Identify specialty annual varieties. 2. Formulate the most desirable ornamental characteristics of these plants. 3. Determine the most suitable location for specific plants based on their cultural requirements.
Tropical plants used for outdoor displays	6	1. Identify tropical plant varieties. 2. Formulate the most desirable ornamental characteristics of these plants. 3. Determine the most suitable location for specific plants based on their cultural requirements.
Annual plants in the landscape and container design	6	1. Assess the way plants work together to complete an overall quality landscape design, based on bloom time, texture, form, size, color and other principles of design. 2. Design projects that integrate concepts learned.
Cultural needs: light, temperature, water, soil, fertilizer and site conditions	6	1. Describe and demonstrate the basic cultural needs of annual plants, including light, temperature, water, humidity, fertilizer and soil.
Common landscape annual plant pests and diseases	4	1. Identify common pests, including insects and common fungal, bacterial and viral diseases. 2. Develop an action plan for control of pests, including traditional and organic methods.
Landscape site characteristics and appropriate plant choice for that environment	4	1. Assess the attributes of a landscape site for a plant or landscape design 2. Develop a list of appropriate plants that would be successful.
The business of branding and marketing within the horticulture industry	4	1. Discuss the merits of current trends in branding and marketing and how they influence growers, retailers and customer purchases. 2. Formulate a plan for marketing and selling annual plants.
Plant improvements and genetics	4	1. Discuss methods of plant improvement 2. Evaluate seed and plant quality 3. Investigate differences between annuals from seed, cutting and tissue culture.
	60	

Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome 1	Outline the important ornamental and cultural characteristics of specific annual and tropical landscape plants.
Course Outcome 2	Generate a listing of recent changes to the list of available landscape annual plants of this Midwest region's horticulture industry.
Course Outcome 3	Construct a landscape plant list for a given landscape situation with a list of appropriate annual plant choices for a customer.
Primary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions.
Secondary Laker Learning Competency	Creative Thinking & Problem Solving: Students think creatively to solve problems.

*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.