

12/18/2024

DATE

AGR DIVISION



REQUIRED COURSE



NEW COURSE



ELECTIVE COURSE



REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-071	TITLE: (30 Characters Max)		Herbaceous Perennial 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. 0601		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)	A study in the identification, selection and use of herbaceous plants primarily used in the landscape, including perennials, biennials, ornamental grasses and wildflowers. Emphasis is placed on cultural requirements of the plants, propagation and plant usage in the 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	3	3		
Herbaceous perennial plants	9	9		
Ornamental grasses	3	3		
Wildflowers and natives	3	3		
Perennial plants in the landscape design	3	3		
Cultural needs: light, temperature, water, soil, fertilizer and site conditions	3	3		
Common landscape perennial plant pests and diseases	3	3		
Landscape site characteristics and appropriate plant choice for that environment	2	2		
The business of branding and marketing within the horticulture industry	1	1		
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 checked="" type="checkbox"/>	COMP FINAL	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>

COURSE MATERIALS

TITLE:	Herbaceous Perennial Plants
AUTHOR:	Armitage, Allan M.
PUBLISHER:	Stipes
VOLUME/EDITION/URL:	3rd
COPYRIGHT DATE:	2008

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Plant nomenclature using anatomy and plant morphology	6	1. Identify and differentiate between different plant parts and how this applies to plant classification to utilize the scientific nomenclature system effectively.
Herbaceous perennial plants	18	1. Identify herbaceous perennial 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.
Ornamental grasses	6	1. Identify ornamental grass 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.
Wildflowers and natives	6	1. Identify wildflower and native 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.

Perennial plants in the landscape 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 perennial plants, including light, temperature, water, humidity, fertilizer and soil.
Common perennial landscape plant pests and diseases	6	1. Identify common pests, including insects and common fungal, bacterial and viral diseases. 2. Develop an action plan for pest control that includes 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	2	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 perennial plants.
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 perennial and ornamental grass plants.
Course Outcome 2	Generate a listing of recent changes to the list of available landscape perennial 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 perennial 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.