

6/19/2023 DATE

☒ REQUIRED COURSE
☐ ELECTIVE COURSE

 Agriculture DIVISION
☐ NEW COURSE
☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-082		TITLE: (30 Characters Max)		Landscape Construction & Maintenance						
SEM CR HRS:	3	Lecture:	2		Lab:	2			ECH:	4	
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	SOE/ Internship:	0	SOE ECH:	0	
COURSE PCS #	12.010605		IAI Code				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)	Students will learn construction methods for residential and small commercial landscapes; selection and installation of plants; techniques and uses of materials related to various landscape features; prepare cost estimates; control of landscape diseases and pests; and maintenance of landscape areas.										

List the Major Course Segments (Units)					Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
1	Construction of Landscapes				4	4		
2	Selection and Installation of Plant Materials				5	5		
3	Techniques and Uses of Landscape Materials				5	5		
4	Special Construction Structures				4	4		
5	Cost and Bid Estimation				3	3		
6	Control of Landscape Diseases and Pests				5	5		
7	Landscape maintenance and management				4	4		
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 checked="" type="checkbox"/>	COMP FINAL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS	
TITLE:	Landscape Construction
AUTHOR:	David Sauter
PUBLISHER:	Delmar
VOLUME/EDITION/URL:	3rd Edition
COPYRIGHT DATE:	2011

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Construction of Landscapes	8	Analyze construction methods for residential and small commercial landscapes; reading and interpreting landscape plans and drainage techniques; principles and practices of grading, drainage, soil amendments and soil preparation.
Selection and Installation of Plant Materials	10	Compare the pros and cons of various forms of plant material including bare root, container, and balled and burlap; transplanting operations; selecting or substituting the correct plant for the individual job site.
Techniques and Uses of Landscape Materials	10	Assess the "hardscape" aspect of a landscape design; mulches, walkways, and drainage materials will be discussed; materials will include wood, brick, pavers, stone, and concrete.
Special Construction Structures	8	Evaluate the many construction structures included in today's landscapes; topics to be covered include decks, arbors, fences, and trellis.
Cost and Bid Estimation	6	Investigate the cost and bidding estimation process. Interpret an overview of business aspects and how they affect direct and overhead costs.

Control of Landscape Diseases and Pests	10	Discuss identification and control methods for common diseases, weeds and insect pests found the today's landscapes; control will include mechanical, chemical, and biological methods.
Landscape maintenance and management	8	Discuss management of landscape maintenance and renovation; topics will include bed preparation, fertilization, woody plant pruning and wound care.
Insert New Line Above this Line		
	60	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Students will assess the 'hardscape' aspect of a landscape design and correctly select the best materials for the specific situation.
	Students will investigate the cost and bidding estimation process.
	Students will apply techniques for laying pavers correctly in a landscape project.

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