

6/14/2023 DATE



REQUIRED COURSE



ELECTIVE COURSE

Agriculture DIVISION

☐ NEW COURSE☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	HRT-066	TITLE: (30 Characters Max)	Turf Management				
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	Work-based Learning 0 WBL ECH: 0
COURSE PCS #	12 - 01, 0607		IAI Code		Contact Hours (Minutes Per Week)		
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:
Prerequisites:							
Catalog Description: (40 Word Limit)	Methods of establishment and maintenance of turfgrass for lawns, public grounds, and recreational areas. Also includes the identification and management of plant and soil materials in different environments.						

	List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
1	Introduction	2	2		
2	Growth and Development	3	3		
3	Turfgrass Descriptions	4	4		
4	Environmental Effects on Growth	2	2		
5	Management and Cultural Practices	5	5		
6	Integrated Pest Management	5	5		
7	Turf Selection	4	4		
8	Drainage and Irrigation	3	3		
9	Specialized Turf Equipment	2	2		
10					
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 type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS

TITLE:	Turfgrass Management
AUTHOR:	Tergeon
PUBLISHER:	Prentice Hall
VOLUME/EDITION/URL:	8th edition
COPYRIGHT DATE:	2007

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Introduction	4	Examine careers within the turfgrass industry and explain visual determinants of turf quality.
Growth and Development	6	Describe the development of grass plants from germination to seed formation.
Turfgrass Descriptions	8	Identify vegetative plants.
Environmental Effects on Growth	4	Compare and categorize atmospheric, edaphic and biotic environmental factors.
Management and Cultural Practices	10	Differentiate between the primary and supplemental cultural practices. Students are expected to illustrate and demonstrate the use of each practice.
Integrated Pest Management	10	Manage an IPM system demonstrate the ability to calibrate sprayers and spreaders.
Turf Selection	8	Evaluate the performance of different turfgrass species and their use in different cultural systems.

Drainage and Irrigation	6	Create a drainage and irrigation diagram, complete with the construction procedures, of a chosen site.
Specialized Turf Equipment	4	Operate and maintain equipment used within the turfgrass industry.
Insert New Line Above this Line		
	60	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	<ul style="list-style-type: none"> Describe the development of grass plants from germination to seed formation.
	<ul style="list-style-type: none"> Compare and analyze the different turfgrass species available and their use in different cultural systems.
	<ul style="list-style-type: none"> Demonstrate the ability to correctly choose the correct cultural practices for turfgrass growth for a given situation.

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