

6/21/2023 DATE

 REQUIRED COURSE
 ELECTIVE COURSE

 Agriculture DIVISION
 NEW COURSE
 REVISION

Lake Land College

Course Information Form

COURSE NUMBER:		JDA-114		TITLE: (30 Characters Max)		John Deere Hay Equipment											
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 #		12 - 01. 0205		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 150 8 Wks 300	
Prerequisites:		Enrollment in the John Deere Tech Program.															
Catalog Description: (40 Word Limit)		This course introduces students to John Deere Hay equipment. This equipment includes Mower-Conditioners, Hay Rakes, Small Square Balers, and Large Round Balers.															

List the Major Course Segments (Units)		Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
1	Mower-Conditioners	1.5	3		
2	Hay Rakes	1.5	3		
3	Small Square Balers	6	12		
4	Large Round Balers	6	12		
5					
TOTAL		15	30	0	0

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

COURSE MATERIALS	
TITLE:	Hay & Forage Harvesting
AUTHOR:	Deere & Company
PUBLISHER:	John Deere Publishing
VOLUME/EDITION/URL:	
COPYRIGHT DATE:	2013

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Mower-Conditioners	4.5	Describe the theory of different hay conditioning equipment and the reason for different finishing methods.
Hay Rakes	4.5	Determine which type of rake is most suitable for different types of crops.
Small square balers	18	Describe the theory of small square balers including the compression of the crop and the wire or twine tying system.
Large Round Balers	18	Describe the differences in crop pick-up systems and different methods of tying the bale.
Insert New Line Above this Line		
	45	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Demonstrate safe operation of hay cutting and finishing equipment.
	Perform an inspection of used hay equipment.
	Explain the operation of twine knotters and net wrap tying.

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