3/10/2025 DATE
☑ REQUIRED COURSE
☐ ELECTIVE COURSE

AGR DIVISION
☐ NEW COURSE
☑ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	AGR-052		TITLE: *(30 Characters Max)*		Principles of Crop Production							
SEM CR HRS:	3.0	Lecture:	2.0		Lab:	2.0	ICCB Lab:	2.0	ECH:	4.0		
Course Level:	☐ Gen Ed / IAI ☐ Baccalaureate /Non-IAI	☑ Career/Technical ☐ Dev Ed/ Not in Degree Audit			Clinical Practicum:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0		
Course PCS & CIP:	12.010304		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)	Designed to develop needed skills involved in production of the major field crops in central Illinois and Indiana. Plant growth, crop choice, tillage, planting and sowing for maximum yields are emphasized.											

	List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
1	Classification of crop plants	4	4		
2	Climate and weather	3	2		
3	Crop improvement and genetics	4	5		
4	Corn production	5	6		
5	Soybean production	4	4		
6	Small grain production	3	2		
7	Forage crop production	4	4		
8	Minor crops of the Midwest	3	3		
	TOTAL	30	30	0	0

EVALUATION			
QUIZZES ☑	EXAMS ☑	ORAL PRES ☐	PAPERS ☐
LAB WORK ☑	PROJECTS ☑	COMP FINAL ☐	OTHER ☐

COURSE MATERIALS	
TITLE:	Illinois Agronomy Handbook & Field Scrop Scouting Manual X880E
AUTHOR:	University of Illinois Extension
PUBLISHER:	University of Illinois
VOLUME/EDITION/URL:	6th edition
COPYRIGHT DATE:	2010

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Classification of crop plants	8	1. Identify botanical and agronomic classification.
Climate and weather	5	1. Calculate growing degree days.
Crop improvement and genetics	9	1. Discuss plant genetics.
Corn production	11	1. Assess planting techniques.
Soybean production	8	1. Determine BMPs for soybean production.
Small grain production	5	1. Examine small grain production practices.
Forage crop production	8	1. Estimate yield and harvest dates of common forages.
Minor crops of the Midwest	6	1. Identify specialty crops grown in the Midwest.
	60	

Outcomes*	Outcome Title	At the successful completion of this course, students will be able to:
Course Outcome 1	Crop Production Plan	Develop a corn/soybean production plan.

Course Outcome 2	Ag Disorders	Assess growing crops and identify agronomic disorders.
Course Outcome 3	Critique Mgmt Pract	Critique various management practices associated with crop production.
Primary Laker Learning Competency	Creative Thinking & Problem Solving: Students think creatively to solve problems.	
Secondary Laker Learning Competency	Scientific Literacy: Students apply the scientific process to real-life situations.	

**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.*