

Program: Farm and Ranch Management

Degree: Associate in Applied Science

Program Learning Outcomes:

1. Students will organize, interpret and analyze data using mathematical and statistical principles as well as calculate solutions to production related scenarios. Students will then relate these and other agricultural finance concepts to business management and marketing.
2. Students will display knowledge of the basic concepts of precision farming.
3. Students will understand agronomic fundamentals.
4. Students will examine and formulate practical applications for basic livestock production practices.
5. Students will demonstrate critical thinking and problem solving skills as they apply to a variety of agriculture systems.
6. Students will communicate effectively regarding agriculture issues.

Assessment Cycle:

	AY 2017-2018	AY 2018-2019	AY 2019-2020	AY 2020-2021
Outcome #1	A	R	A	R
Outcome #2	R	A	R	A
Outcome #3	R	A	R	A
Outcome #4	A	R	A	R
Outcome #5	A	R	A	R
Outcome #6	R	A	R	A
IELO	A	R	A	R

A = Assessment evidence collected

R = Reflect on data, action plan devised, prep year

Program Curriculum Map

	PROGRAM LEARNING OUTCOMES						IELO
	#1	#2	#3	#4	#5	#6	Problem Solving
AGRI 115	X						
AGRI 191						X	
AGRI 275		X, A					
AGRI 289				X			
ANSC 114/L				X			
H&CE 241						X	
PLSC 110/L			X, A		X, A		X, A
ENGL 110						X	
AGEC 141	X						
AGEC 246	X						
ECON 201	X						
AGRI 297						X	
AGEC 242	X						
AGRI 291						X	
SOIL 210/L			X				
COMM 110 or ENGL 120/125						X	
AGEC 244	X, A						
ANSC 123/L				X, A			
ACCT 200	X						
AGEC 252						X, A	
Farm & Ranch Management Electives	X	X	X	X	X	X	

X = Material introduced, reinforced, and/or opportunity to practice

A = Assessment evidence collected (e.g., lab activity, exam, paper, assignment, etc.)