

Program: Agriculture Industry and Technology

Degree: Associate in Applied Science

Program Learning Outcomes:

1. Students will gain knowledge and comprehension of plant and soil science in areas of study including classification, physiology, morphology, and culture.
2. Students will apply knowledge and comprehension of plant and soil science to evaluate various production options and formulate a best management practices.
3. Student will use and apply geospatial tools including GPS, GIS, remote sensing and other technologies utilized in precision agriculture to gather data, analyze data, and create prescription maps.
4. Students will be able to 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.
5. Students will demonstrate workplace readiness through ability to communicate effectively through oral communication, written communication, and information literacy.
6. Students will be able to demonstrate critical thinking and problem solving skills as they apply to a variety of agriculture systems.

Assessment Cycle:

	AY 2017-2018	AY 2018-2019	AY 2019-2020	AY 2020-2021
Outcome #1	R	A	R	A
Outcome #2	A	R	A	R
Outcome #3	A	R	A	R
Outcome #4	A	R	A	R
Outcome #5	R	A	R	A
Outcome #6	A	R	A	R
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				
AGRI 289		X					
H&CE 241					X		
PLSC 110/L	X, A					X, A	X, A
ENGL 110					X		
AGEC 141					X		
AGEC 246				X			
AGRI 285			X				
ASM 130						X	
PLSC 223/L	X						
PLSC 235		X					
ECON 201				X			
AGRI 197					X, A		
PLSC 235L		X					
AGEC 242				X			
AGRI 276			X			X	
AGRI 291					X		
PLSC 225		X					
SOIL 210/L	X	X				X	
COMM 110 or ENGL 120/125					X		
AGEC 244				X, A			
AGEC 250					X		
AGRI 286			X, A			X	
PLSC 243		X, A					
PLSC 245		X, A					
SOIL 222/L		X, A					

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

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