AGRICULTURAL BUSINESS: PRECISION AG TECHNOLOGY

PRECISION AG TECHNOLOGY A.A.S.
Program Code: B.ABT.AAS

Associate in Applied Science (A.A.S.)
Graduation requirement — 60 semester hours

The Precision Ag Technology Program prepares students for positions that require the use of current technology in agriculture such as global navigation satellite systems, geographic information systems, precision software programs, precision hardware/equipment, and unmanned aerial systems (UAS). Students are prepared for positions with soil testing companies, crop consulting firms, fertilizer and chemical suppliers, and agriculture equipment dealers.

Program Notes*

- Select a math course with advice from an agriculture faculty advisor.
- General Education electives are chosen from the following categories: communications, social/behavioral sciences, humanities/fine arts, mathematics, physical/life sciences. For more information, see General Education requirements on p. 66.

Suggested Full-time Sequence

FALL	SPRING	SUMMER
1st Semester	*2nd Semester*	AGB 191
AGB 103	AGB 155	
AGB 105	AGB 200	
AGB 110	AGB 215	
AGB 214	AGB 219	
MAT elec	AGB 290	
	ENG 101	

FALL	SPRING
3rd Semester	*4th Semester*
AGB 102	AGB 213
AGB 211	GIS 115
AGB 252	Gen ed elec
AVI 111	Gen ed elec
ENG 102	

Required Program Courses (45 hours)   Cr. Hrs.

AGB 102	Introduction to Agricultural Economics	4
AGB 103	Introduction to Crop Science	4
AGB 105	Agricultural Applications of the Computer	3
AGB 110	Introduction to Precision Agriculture	1
AGB 155	Agriculture Salesmanship	3
AGB 191	Agri-Business Work Exploration	2
AGB 200	Introduction to Soil Science	4
AGB 211	Plant Pest Identification and Control	3
AGB 213	Soil Fertility and Fertilizers	3
AGB 214	Precision Farming Technology	3
AGB 215	Applications of GIS in Agriculture	3
AGB 219	Precision Hardware Systems	2
AGB 252	Precision Data Analytics	3
AGB 290	Agri-Business Seminar	1
AVI 111	Commercial UAS Ground School	3
GIS 115	Remote Sensing Applications	3

Required General Education Core Courses (15 hours)

Choose one of the following Communications options:
Option one:

ENG 111	Workplace Writing	3
COM 120	Interpersonal Communications	3

Option two:

ENG 101	Composition I	3
ENG 102	Composition II	3

MAT elective	3
General education electives*	6

Optional Courses

AVI 112	Introduction to Unmanned Aircraft Systems Flight	3
CIT 113	Basic Surveying	3
GIS 112	Global Positioning Systems	1

Total Semester Credit Hours	*60*