

CERTIFICATES AND DEGREES

Technical Certificate A		
Freshman: First Semester		
Course #	Course Name	Credits
AGRI 100	Information Technology in Agriculture	3
AGRI 105	Applied Geospatial and Navigation Technologies	3
AGRI 110	Geographic Information Systems	3
AGRI 115	Precision Cropping Systems	4
ENG 101	English Composition I (Required) ⁰¹⁰	3
Total Certificate Credits		16

Technical Certificate B		
Freshman: First Semester		
Course #	Course Name	Credits
AGRI 100	Information Technology in Agriculture	3
AGRI 105	Applied Geospatial and Navigation Technologies	3
AGRI 110	Geographic Information Systems	3
AGRI 115	Precision Cropping Systems	4
ENG 101	English Composition I (Required) ⁰¹⁰	3
Freshman: Second Semester		
Course #	Course Name	Credits
AGRI 150	Advanced Geographic Information Systems	3
AGRI 155	Data Collection and Management	3
AGRI 160	Remote Sensing and Aerial Data Processing	2
AGRI 170	Precision Farming Systems I	3
CHEM 120 and CHEM 120L	University Chemistry I and Lab (or approved science elective) ⁰⁴⁰	5
Total Certificate Credits		32

Associate of Applied Science		
Freshman: First Semester		
Course #	Course Name	Credits
AGRI 100	Information Technology in Agriculture	3
AGRI 105	Applied Geospatial and Navigation Technologies	3
AGRI 110	Geographic Information Systems	3
AGRI 115	Precision Cropping Systems	4
ENG 101	English Composition I (Required) ⁰¹⁰	3
Freshman: Second Semester		
Course #	Course Name	Credits
AGRI 150	Advanced Geographic Information Systems	3
AGRI 155	Data Collection and Management	3
AGRI 160	Remote Sensing and Aerial Data Processing	2
AGRI 170	Precision Farming Systems I	3
CHEM 120 and CHEM 120L	University Chemistry I and Lab (or approved science elective) ⁰⁴⁰	5

Sophomore: First Semester

Course #	Course Name	Credits
AGRI 210	Precision Farming Systems II	3
AGRI 215	Crop Protection and Fertilizing Technologies	3
AGRI 220	Soil Sensing and Mapping Technologies	3
AGRI 225	Precision Operations Management	3
AGRI 230	Applied Agricultural Technical Consultation and Implementation	2
FIN 205	Principles of Personal Finance (Required) ⁰⁷⁰	3
MATH 250	Elements of Statistics (or College Algebra) ⁰³⁰	3

Sophomore: Second Semester

Course #	Course Name	Credits
AGRI 250	Precision Farming Operations	4
AGRI 255	UAS Applications in Agriculture	3
AGRI 260	Water Management Technology	3
AGRI 265	Integrated Technologies	3
AGRI 295	Occupational Work Experience (or AGRI 250, 255, 260, 265)	13
TEC 200	Workplace Ethics (or Gen Ed) ⁰⁵⁰	3

Total Degree Credits**68****Systemwide General Education (SGE) Key**

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Science

060 Arts & Humanities

070 Institutionally Designated

* Course descriptions for General Education courses can be found in the General Education section of the College Catalog.