

Precision Agriculture Technology
Associate of Applied Science

PROGRAM GUIDE

FRESHMAN: FIRST SEMESTER

Course Name

Information Technology in Agriculture
Applied Geospatial and Navigation Technologies
Geographic Information Systems
Precision Cropping Systems
English Composition I OR English Composition I w/Review
Workplace Ethics
Student Success Seminar (Required)

SOPHOMORE: SECOND SEMESTER

Course Name

Advanced Geographic Information Systems
Data Collection and Management
Remote Sensing and Aerial Data Processing
Agricultural Power Systems
Internship*
Fundamentals of Chemistry w/Lab (Required) OR Transfer Credit: (Biology, Chemistry, Geology, Soil Science, Physical Geography, Physics)

FRESHMAN: FIRST SEMESTER

Course Name

Precision Farming Systems
Crop Protection and Fertilizing Technologies
Soil Sensing and Mapping Technologies
Precision Operations Management
Personal Finance (Required)
College Algebra OR College Algebra with Review (Required)

SOPHOMORE: SECOND SEMESTER

Course Name

Precision Farming Operations
UAS Applications in Agriculture
Water Management Technology
Integrated Technologies

*****OR*****

Occupational Work
Experience