

# Career-Technical Education Associate of Applied Science Degree Plan

## PRECISION AGRICULTURE TECH. PROGRAM CHECK SHEET | PAGT Major | CIP Code: 01.1105

Precision Ag Technology is a program of study that teaches the student a working knowledge and understanding of remote sensing, global positioning systems, geographic information systems and variable rate technology, as well as practical, hands-on experience in an in-situ environment.

### Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9<sup>th</sup> grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

Rev. 2026

<b>REQUIRED COURSES:</b>		<b>Prev. Taken</b>	<b>FALL 20__</b>	<b>SPRING 20__</b>	<b>FALL 20__</b>	<b>SPRING 20__</b>
<b>FIRST SEMESTER FRESHMAN</b>						
AGT 1254 Geospatial Data Collection	4 hrs.					
AGT 2154 Geographic Information Systems I	4 hrs.					
AGT 2434 Crop Management Zones	4 hrs.					
AGT 2463 Insects & Controls <b>OR</b> AGT 2413 Weed Control	3 hrs.					
<b>SECOND SEMESTER FRESHMAN</b>						
AGT 1354 Remote Sensing	4 hrs.					
AGT 2164 Variable Rate Technology	4 hrs.					
AGT 2174 Agricultural GIS	4 hrs.					
AGT 2474 Site Specific Pest Management	4 hrs.					
<b>FIRST SEMESTER SOPHOMORE</b>						
AGR 1313 Plant Science <b>OR</b> BIO 1313 Botany	3 hrs.					
AGR 1112 Survey of Agriculture	2 hrs.					
AGT 1163 Spatial Information Systems	3 hrs.					
AGR 2314 Basic Soils	4 hrs.					
CSC 1123 Computer Applications I	3 hrs.					
<b>SECOND SEMESTER SOPHOMORE</b>						
SPT/COM 1113 Public Speaking I	3 hrs.					
Math/Natural Science Elective (MAT, BIO, CHE, or PHY)	3 hrs.					
Social/Behavioral Science Elective (SOC 2113 or PSY 1513)	3 hrs.					
Humanities/Fine Arts Elective (HIS, ENG Literature, ART 1113, or MUS 1113)	3 hrs.					
ENG 1113 English Composition I <b>OR</b> ENG 1033 Technical English	3 hrs.					
<b>TOTAL HOURS:</b>	<b>61 HRS.</b>					
<b>NOT ALL COURSES ARE REQUIRED IF TRANSFERRING TO AN INSTITUTION OF HIGHER LEARNING.</b>	<b>Total Hours 61</b>					
	<b>Advisor Initials</b>					
	<b>Date</b>					