Precision Agriculture Certificate of Achievement
Recommended Pathway

WEST HILLS COLLEGE COALINGA

Career Pathway: Agriculture and Industrial Technology

Program Description: The Agriculture Science Technology Degree prepares students to work with global positioning satellite (GPS) systems, geographic information system (GIS) software, automatic tractor guidance systems, variable rate chemical input applicators, surveying equipment, and related computer software. Students will learn in hands-on, real-world applications. Completing the certificate qualifies the student to enter the professional job market in the public sector as well as the agriculture industry. Units for the Precision Agriculture Certificate apply to the Associates Science Degree in Agriculture.

Course ID	Course Title	Units	To-Do List
Semester 1			
CRPSCI-001* or CRPSCI-002*	Introduction to Plant Science or Plant Science Theory	3	1) Meet with your Advisor to confirm path & develop your 1st year Abbreviated Educational Plan. 2) Apply for financial aid and follow-up with financial aid department. 3) Begin research on four-year schools. Find out minimum transfer GPA, course & major requirements. 4) Begin research on careers through: O*NET or JobSpeaker
AGBUS-015*	Computer Application to Agriculture	3	
CRPSCI-006*	Introduction to Precision Agriculture	3	
CRPSCI-008*	Applications of Geospatial Technology	3	1) Meet with your Counselor to discuss your progress & complete your Comprehensive Educational Plan. 2) Meet with your Faculty Mentor to discuss program pathway, career options, & finalize class options.
AET-021*	Ag-Irrigation Management	3	
	Total Semester 1 Units	15	
Semester 2			
SLSCI-021*	Introduction to Soil Science	4	1) Prepare documentation for college application & apply to four-year schools of choice by the deadline. 2) Begin seeking four-year funding outlets such as scholarships & aid. 3) Renew financial aid.
AG-015X*	Occupational Work Experience	1 - 8	
CRPSCI-017*	Control and Sensor Systems in Ag	3	
CRPSCI-018*	Precision Ag Software	3	**1) Petition to Graduate to receive your degree & commencement ceremony information.**
	Total Semester 2 Units	11 - 18	
Semester 3			
	Total Semester 3 Units	0	
Semester 4			
	Total Semester 4 Units	0	
	Total Program Units	26 - 33	

*A grade of "C" or higher required for ENG, MATH, COM and all major courses.

**If placement requires concurrent enrollment in support course.