

PROGRAM INFORMATION	Program	Precision Ag Technology
	Submitted by:	Devon Russell
	Year	2023-2024
	Date of Review	2024-01-05
	Form Key	792d1388-41c3-475b-8203-cf6a1985f5z1
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Instructor and Advisory Board Review with additional student feedback
	Outcomes are up to date in WIDS and on the program's web page	Yes
SYLLABI	ADA Statement	Yes
	Competencies	Yes
	Course Description	Yes
	Course Title and Number	Yes
	Credit Hours	Yes
	Freedom of Expression Statement	Yes
	Grading Criteria	Yes
	Instructor	Yes
	Academic Integrity Policy	Yes
	Nondiscrimination Statement	Yes
	Office Hours/Contact Information	Yes
	Prerequisites	Yes
	Required Text(s)	Yes
	Syllabi Up to Date in WIDS	Yes
Explain which syllabi were reviewed this year; input received from advisory board, instructors, students, etc. regarding course objectives and textbooks used; and changes made, if any.	Small engines class was changed to Principles of Chemical Applications. This course change better prepares students for their internship and job roles of applicators and technicians.	
PROGRAM COMPETENCIES	Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Competencies were reviewed by instructors with industry guidance making sure to meet the needs for students to be successful in a career in precision agriculture.
	WIDS Up to Date	Yes
COURSE ASSESSMENTS USED IN PROGRAM CHECKLIST	Capstone	Yes
	Class Participation	Yes
	Clinical/internship observations	Yes
	Examinations	Yes
	Comprehensive Final Exams	Yes

	Journals	No
	Lab Demonstrations	Yes
	Oral Examinations/Presentations	Yes
	Other Projects	Yes
	Peer Evaluations	Yes
	Portfolio Projects	Yes
	Quizzes	Yes
	Self-Evaluations	Yes
	Simulations	Yes
	Videos of Student Mastery	Yes
	Written Essays	Yes
	Written Reports	Yes
ALIGNED AND APPROPRIATE ASSESSMENTS	Assessments used in the program are matched to the outcomes/competencies for the program.	Yes
	Explain changes in the assessments used in your program since your last review (include input received and rationale).	Assessments have been aligned to updated competencies. As technology changes in the program, assessments have been adapted to fit the technology and provide real world application assessment.
	Give examples of how assessments used in the program reflect higher-level thinking skills, such as applications, analysis, synthesis, and evaluation.	Students are tasked with multi-step problems where outside of the box thinking is required to complete the scenario. Groups are given the same task but may find different paths to the answer and are reviewed as a class when completed.
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	NA
INTERNSHIPS/ CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	Site visits are set up with each intern and employer to assess student competencies as well as an internship completion survey completed by both the intern and employer.
	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	Will use feedback to emphasize importance in proper communication and follow through. Will cover proper formal and informal communications before students are sent out on internship. Students will be required to make clear communication to the supervisors

ENROLLMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	54% Single-year anomaly, next year's numbers are above the benchmark.
RETENTION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	94%
GRADUATION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	87%
PLACEMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	100%
STUDENT SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	NA
ALUMNI SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	NA
EMPLOYER SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	NA
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Webinars, online trainings, industry trainings, recertifications, etc.

	How were these activities used to improve this program?	Used information and training to update curriculum and adapt to industry needs.
PROFESSIONAL ORGANIZATIONS	Do faculty members belong to professional organizations associated with this program?	Yes
	If no, explain why.	
	Are students made aware of the professional organizations for their career field?	Yes
ADVISORY BOARD RECOMMENDATIONS	What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?	Small engines class was changed to Principles of Chemical Applications. This course change better prepares students for their internship and job roles of applicators and technicians.
	Implementation Date	2024-01-05
	Indicate the personnel responsible for implementing the change(s):	Russell, Sieler, Von Eye
PROGRAM IMPROVEMENT PLANS AND BUDGET	As you review this past year, what changes do you propose for the next school year that will affect the program's budget?	Precision Ag will have its own dedicated lab space for the 1st time. Tools, trainers, and equipment will be needed to use it to its potential.
	Cost	\$50,000