

2018-2019

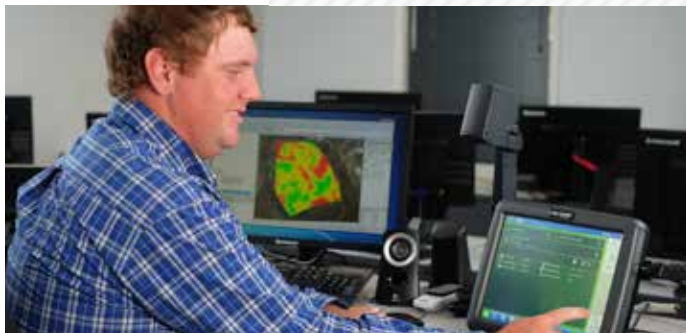
SOUTHEAST
COMMUNITY
COLLEGE
NEBRASKA

PRECISION AGRICULTURE

BEATRICE CAMPUS

Certificate

www.southeast.edu/PrecisionAgriculture



Precision agriculture is the practice of farming on a site-specific basis to lower input costs and maximize yield potential. The approach used to gain these higher yields comes from the use of information provided by GPS guidance, drones, variable rate application, GPS-based soil testing, satellite imagery, crop health analysis, yield monitoring and prescription-based applications. According to Global Market Insights, precision farming technologies is projected to grow to a \$10 billion industry by 2024. A student in this program will get a hands-on approach to the various technologies in this field, as well as a basic understanding of hydraulic and electronic systems used in these practices. With a certificate in Precision Agriculture, a graduate will be able to install, set up, operate, analyze, and troubleshoot the systems needed to help feed the world.

This certificate program requires one General Education class.

Oral Communication 4.5 hours
SPCH2810 Business and Professional Communication

Precision Agriculture Certificate Core Classes

Course #	Course title	Credit hrs
AGRI1171	Ag Technology	2.5
AGRI1172	Ag Precision Hardware	4.0
AGRI1378	Electrical and Hydraulic Fundamentals	4.5
AGRI2279	Precision Technology	3.5
AGRI2295	Advanced Precision Technology	4.0
AGRI2296	Advanced Ag Precision Hardware	3.0
GIST1110	Introduction to Geospatial Technology	4.5
Total:		26.0 hours
Program Total:		30.5 hours

Students who wish to pursue an Associate of Science degree in agriculture should visit with an SCC-Beatrice Agriculture Management & Production faculty advisor.



Graduate Earnings

Recent graduates report an average starting wage of \$15.90 per hour.

For more information contact:

Annie Erichsen, Program Chair
402-228-8258, 800-233-5027 ext. 1258
aerichsen@southeast.edu

or the College Admissions Office
Beatrice 402-228-8214, 800-233-5027 ext. 1214

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Estimated Expenses

Nebraska Resident tuition/fee rate is \$69.50 per credit hour. Out-of-state tuition/fee rate is \$83.50 per credit hour. Graduation fee is \$25. Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter. Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Tuition And Fees	\$2,120
Books	\$370
Total	\$2,490

