



Precision Agriculture introduces students to the concept of precision farming, which uses the latest technology and equipment. It provides background information and prepares students to implement precision farming practices in their farming operation or agri-business operation. The potential impact of precision farming on crop production and farming operations is influenced by the rapidly emerging technologies that make precision farming possible.

## Certificate

Credit Hours Required for Graduation:  
Certificate: ..... 20.0



## Why SCC?

Students in this program will get hands-on experience with the various technologies in this field, as well as a basic understanding of hydraulic and electronic systems used in these practices. A graduate will be able to install, set up, operate, analyze, and troubleshoot the systems needed.

## Program Overview

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.



This certificate program requires one General Education class.		
Oral Communication		3.0 hours
SPCH2810	Business and Professional Communication	
<b>Precision Agriculture Certificate Core Classes</b>		
AGRI1171	Ag Technology	2.0
AGRI1172	Ag Precision Hardware	2.0
AGRI1378	Electrical and Hydraulic Fundamentals	3.0
AGRI2279	Precision Technology	2.0
AGRI2295	Advanced Precision Technology	3.0
AGRI2296	Advanced Ag Precision Hardware	2.0
GIST1110	Introduction to Geospatial Technology	3.0
		<b>17.0 hours</b>

For more information contact:

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

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

Equal Opportunity/NonDiscrimination Policy - It is the policy of Southeast Community College to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of Southeast Community College's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice. Draft A0749 - PrecAg (05/24/19)



## Top Career Options

- Precision Ag Specialist
- Precision Farming Specialist
- Field Service Technician
- Sales Manager
- Drone Technician



## Graduate Earnings

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

Our transfer pathway with Kansas State University allows you to earn a two-year A.A.S. degree while receiving excellent hands-on education. You can then progress to a 4-year degree in Agricultural Education at Kansas State. Go to <https://go.k-state.edu/pathways> to learn more.

2019-2020 Tuition/Fee Rate Per Credit Hour	
Nebraska Resident	\$108
Out-of-state tuition/fee rate	\$129

### Estimated Expenses

Tuition/Fees	\$ 2160
Books	370
Special Fees	0
Tools/Supplies	0
<b>Total:</b>	<b>\$2,530</b>

\*New program. No graduate salary data available. Estimated salaries are based on the 25th percentile earnings for SCC's 15-county area for all occupations relevant to the program of study. (EMSI data; www.economicmodeling.com)