



Precision Water Utilization

We all know how important water is to growing our crops each year, but are you really up-to-date on the current water technologies? Professionals around Nebraska have come together to exchange ideas on current practices and emerging technologies in water management. This will be a great opportunity to learn from the experts on the forefront of agriculture water advances and apply them immediately to your farming operation.

Offered in a full day format, but could be broken into smaller segments if necessary.

- Cover crops and their value to soil health
- What is drip irrigation
- How can it be of value to me?
- Pivot Evaluations
- Is your pivot making or breaking your yields?
- Irrigation Scheduling
- Managing the ever-changing water variable
- Water Sensors
- What exactly are they and what can they do for me?
- Variable Rate Irrigation
- How can managing zones help the health of my crop?

Workshops For You!

We know how busy your schedules can be taking care of business. We are also here to help you with that! We can customize any specific training need you might have. From parts and pieces of what you see here to specific individual needs you have, we can tailor any type of training as you desire.

Training can be specific for your customers or internal for staff. From leadership to personal development, we are here to serve you!

Any of the great opportunities you see here or tailor made, are offered to you free of charge, brought to you by the N-PACE grant. If your group requires a luncheon, you will need to provide that on your behalf.

We look forward to working with you in the future!

Offered in any type of format to fit your individual business needs.

Nebraska Precision Ag Center for Excellence



Nebraska Precision Ag Center for Excellence
550 S. Technical Blvd
P.O. Box 1024
Hastings, NE 68902-1024
(877) 222-0780 ext. 2496
www.ccneb.edu/N-PACE

Return Service Requested

Hastings, NE 68902

Nebraska Precision Ag Center for Excellence
550 South Technical Boulevard



AGRICULTURE NON-CREDIT WORKSHOPS

Nebraska Precision Ag Center for Excellence





Nebraska Precision Ag Center for Excellence at Central Community College

In September, 2014, Central Community College was awarded a Round 4 Trade Adjustment Assistance Community College Career Training (TAACCCT) grant through the Department of Labor to enhance the existing agricultural business degree by adding a precision agriculture specialization. Today, a student can enroll at CCC to earn Agricultural Science degree with a Precision Agriculture specialization.

N-PACE also offers industry wide training for non-traditional students.

This product was funded by a grant by the US Department of Labor's Employment and Training Administration. This product was created by the grantee and does not necessarily reflect the official position of the US Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. Central Community College is an affirmative action/equal opportunity institution. This work is licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, visit: <http://creativecommons.org/licenses/by/4.0/>

Maximize Precision Agriculture Profits

A whole farm investment analysis of adopting precision agriculture technologies.

Offered in 1/2 day or full day formats.

- Analyzing this year, preparing for next .
- Yield and gross margin benefits from changes to cropping as a result of precision ag.
- Analyze how data accuracy affects results.
- Outline factors that maximize precision ag profits.



Commodity Marketing

Intended to introduce important concepts in ag marketing. Examine links between producers and consumers with factors that may cause changes in those links.

Offered in 1/2 days or full day formats, but could be broken into smaller segments if necessary.

- Introduction to Agricultural Marketing
- Basics of supply and demand
- Introduction to Ag Futures Markets
- Risk management and scenario strategies

Old McDonald Wants A Drone

Drones are an ever evolving equipment that is quickly becoming part of the agriculture landscape. Learn the federal regulations around flying your remote vehicle, application of sensors and drones within agriculture, basics of multispectral data, remote sensing, and GIS, best practices for data collection and analysis, overall workflow methods, and interpretation of outputs such as NDVI, and other vegetation indices.

Offered in 1/2 day or full day formats.

- FAA Regulations
- History of drones (very basic)
- Types of drones, which is right for you?
- Parts of a drone
- Basic aeronautical concepts: Lift, Thrust, Drag, Gravity
- Applications of remote sensing in site-specific management; examples of drone use in agriculture
- Sensors: NDVI, Thermal, Infrared, Near Infrared, LiDAR, Misc. (pollen, moisture, wind, pressure, etc.)
- Identify the importance of site specific management.



Succession Planning

The process of transferring ownership of a family farm operation to the next generation can result in emotional stress as well as potential conflict among family involved. A farm business ownership succession plan to protect farm estate and to ensure that families legacy continues to the next generation.

Offered in a two hour format.

- What is succession planning?
- Understanding the impact of ownership succession to a family.
- Challenges to farm business ownership succession planning.
- Starting the process.
- Additional items to consider in the succession planning process.

