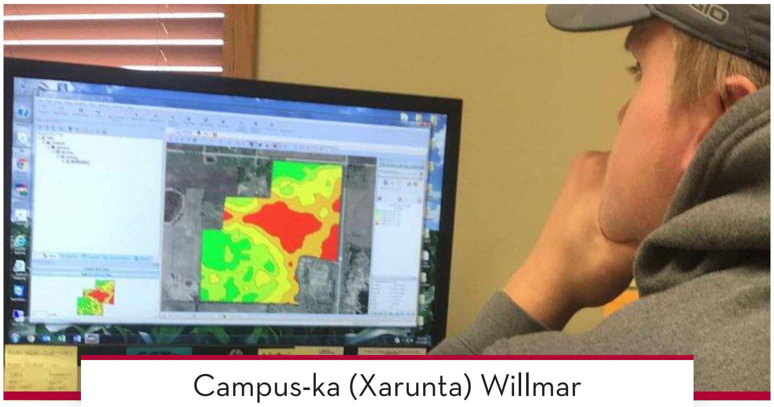
RIDGEWATER COLLEGE
Precision Agriculture

# Beerashada Saxda ah

ridgewater.edu/precisionag



Campus-ka (Xarunta) Willmar

## Barnaamijka

Tiknoolajiyada beeraha ayaa sii horumarinaysay waxtarkeeda iyo wax soo saarkeeda jiilal badan. Marka aad tahay arday ku jira barnaamijka Beerashada Saxda ah (Precision Agriculture (loo yaqaanay GPS/GIS Technology)), waxaad gaarsiin doontaa isticmaalka tiknolojiyada heer cusub adiga oo adeegsanaya Nidaamka Meelaynta Caalamiga ah iyo Nidaamyada Macluumaadka Juqraafiyeed. Adeegso tiknoolojiyadan si aad u kordhiso waxsoosaarka isla markaana aad u yarayso xooga la gelinayo.

Ku hel xirfado ballaadhan iyo aqoon dhinaca:

- Dareenka remoodka, oo ay ku jiraan sharciyada diyaaradaha aan duuliyaha lahayn iyo hawlgalintooda
- Kormeerayaasha qalabka iyo maamulaha howlgelintooda
- U adeegsiga heerar kala beddelan (Variable Rate Application (VRA)), oo ay ku jiraan abuurista rijeetada
- Sida loogu shaqeeyo maltimeterka, cilad bixinta korantada 12-volt ah
- Nidaamyada GPS/ rakibidda qaybaheeda
- Fikradaha cilmi ee dhaqaalaha-beeraha iyo beerashada saxda ah

Ku shaqee waxyaabaha aad ku barato adiga oo adeegsanaya khibrada gacan ku qabashada ee noocyada kala duwan ee qalabka (waxaanu la shaqaynaa midabbo badan!), Softiweerka sida Agleader SMS, Climate Field View, Precision Planting, iyo drones.

Intaas waxaa sii dheer, waxaad baran doontaa mowduucyo kala duwan oo cilmiga beeraha la xiriira iyo guud ahaan maadooyinka beeraha sida galleyda iyo wax soo saarka sinsinta, maaraynta isku dhafan ee cayayaanka, carrada iyo maaraynta bacriminta, iyo ganacsiga beeraha.

## Macluumaadka Xirfadda

- 100% heerka ku meelaynta shaqada

Warshadaha beeraha ayaa waxay qabaan baahi waligeed sii kordhaysa oo loo qabo ardayda qalinjabisa ee waayo-aragnimada u leh cilmiga beeraha ee xogta u rogi kara macluumaad iyo faa'iido soo gaarta beeraleyda. Barnaamijkani wuxuu kuu diyaarinayaa ka shaqaynta saddex qaybood oo waaweyn:

- Farsamoyaqaanka beeraha ee goobaha iibinta qalabka
- Takhasuslaha beeraha ee xarunta cilmiga beeraha
- Beeralay madaxa banaan oo ka kasbanaya awood buuxda qalabka iyo maclumaadka beerashada saxda

## Shahaadooyinka

Beerashada Saxda ah
AAS Degree - 72 dhibcood
Dibloomada - 72 dhibcood
Beerashada Saxda ah
Sartifikeedka - 23 dhibcood

## Astaamaha Gaarka ah ee Barnaamijka

- Iskaashiyo warshadeed oo heer sare ah oo aan leenahay iibiyeyaasha qalabka, xarumaha ganacsiga beeraha iyo bixiyeyaasha softiweerka
- 2 tababar shaqo oo lacag bixin leh
- Xiriirada ardayda kale iyo wakiilada warshadaha iyada oo loo marayo Naadiga Ardayda Xirfada Beeraha (Professional Agriculture Students (PAS)) iyo Rodeo Club oo galay kaalinta koowaad iyo labaad ee tartanka qaran ee Beerashada saxda ah (Precision Agriculture)

## Ballan u samayso Booqasho & Codso Maanta!

ridgewater.edu/visit
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Galay Kaalinta #1 ee Kulliyadaha Bulshada ee Minnesota iyo 20ka Ugu Sarreeya Maraykanka, 2020 & 2021 *niche.com*

### Barnaamijyada La Xiriira

Ganacsiga Beeraha
Sayniska iyo Teknolojiyada Beeraha
Farsamoyaqaanka Tamarta Beeraha & Qalabka
Farsamoyaqaanka Fulinta Cilmiga Beeraha
Tiknolojiyada Cilmiga Beeraha
Maaraynta Caanaha
Hawlgalinta & Maaraynta Beeraha
Maaraynta Digaaga

RIDGEWATER COLLEGE
Xubin katirsan Gobolka Minnesota

Ridgewater College waa tallaabo xaqiijin ah, shaqo bixiye iyo waxbare fursado loo simanyahay. Dukumiintigaan waxa lagu heli karaa qaabab kale oo loogu talagalay shaqsiyaadka naafada ah; macaamiisha qaba naafonimada maqalka ama hadalka ayaa nagula soo xiriiri kara iyagoo adeegsanaya Adeegga Lalisks ee ay Doortaan. 5/2021 P380
Maajo 2021: Tarjumadan waxaa maalgelisay deeqda RC Perkins grant. Si aad u hesho macluumaadkii ugu dambeeyey ee barmaamijka, booqo ridgewater.edu oo ka dooro turjubaanka Luqadda ee af Soomaaliga.

# Precision Agriculture

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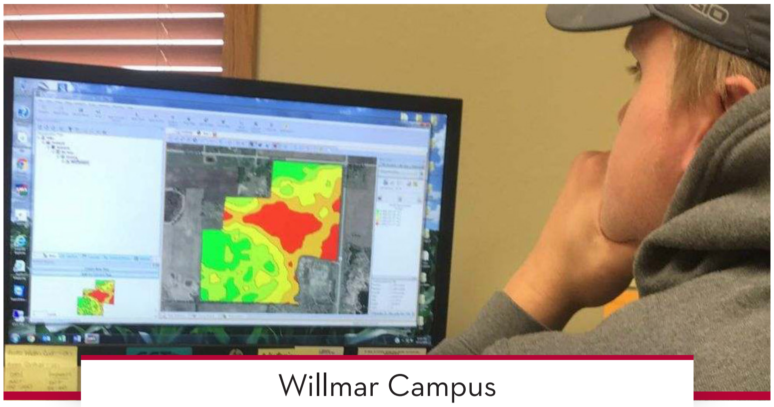

Willmar Campus

## About the Program

Technology in agriculture has been improving efficiency and productivity for generations. As a student in the Precision Agriculture program (formerly GPS/GIS Technology), you will take technology use to a new level by using Global Positioning Systems and Geographic Information Systems. Use these technologies to increase yields and minimize inputs.

Gain broad skills and know-how in:

- Remote sensing, including drone regulations and operation
- Equipment monitors and controller operation
- Variable Rate Application (VRA), including prescription creation
- Multimeter operation, 12-volt electrical troubleshooting
- GPS systems/component installs
- Agronomy and precision concepts

Apply what you learn with hands-on experience on various brands of equipment (we work with many colors!), software such as Agleader SMS, Climate Field View, Precision Planting, and drones.

In addition, you will study a variety of agronomy-related and general agriculture subjects such as corn and soybean production, integrated pest management, soils and fertility management, and agri-business.

## Career Info

- 100% job placement rate

The agriculture industry has an ever-increasing demand for graduates with an agronomy background who can turn data into information and profit for farmers. This program prepares you for employment in three main areas:

- Precision ag technician in an equipment dealership
- Precision ag specialist for an agronomy center
- Independent farmer getting the fullest potential from precision ag equipment and data

## Degrees and Certificates

Precision Agriculture
AAS Degree – 72 credits
Diploma – 72 credits

Precision Farming
Certificate – 19 credits

## Program Distinctions

- Third longest running Precision Agriculture program among US 2-year colleges
- Excellent industry partnerships with equipment dealerships, agronomy centers and software providers
- 2 paid internships
- Networking with other students and industry through the Professional Agriculture Students (PAS) club, earning first and second in the national PAS Precision Agriculture contest
- Faculty with industry experience

## Schedule a Visit & Apply Today!

ridgewater.edu/visit
ridgewater.edu/applynow

Ranked Minnesota's #1 Community College and US Top 20, 2020 & 2021 *niche.com*

### Related Programs

Agri Business

Agricultural Science & Technology

Agriculture Power & Equipment Technician

Agronomy Applicator Technician

Agronomy Technology

Dairy Management

Farm Operation & Management

Poultry Management

RIDGEWATER COLLEGE

A Member of Minnesota State

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