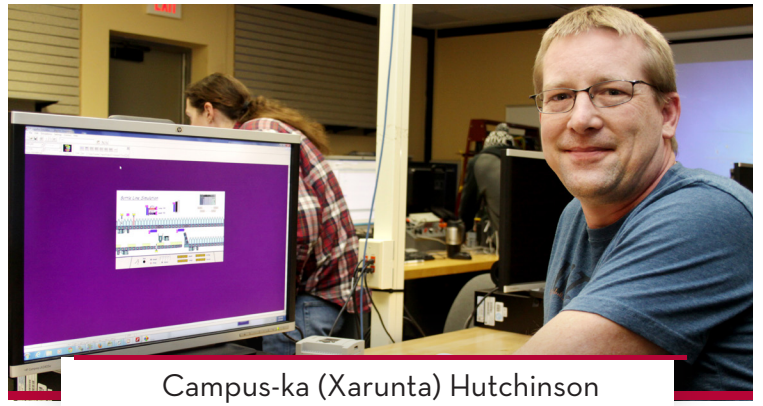


# Nidaamka Tiknoolojiyada Iswada & Robodyada

[ridgewater.edu/automation](http://ridgewater.edu/automation)



Campus-ka (Xarunta) Hutchinson

## Barnaamijka

Barnaamijka Nidaamka Niknoolojiyada Iswada & Robodyada ayaa wuxuu fasalka keenayaa habka wax soosaarka casriga ah. Waxaad baran doontaa waxsoosaarka isku dhafan ee casriyaysan, dhisitaanka aasaas adag oo aad kubilaawdo xirfad ku saabsan waxsoosaarka. Shaqaalaha shaqeeya ayaa waxay dhisi karaan xirfadahooda si ay u abuuraan fursado lagu dallacsiinayo iyo shaqooyin ka mushahar fiican in ay uga dhex helaan shirkadooda.

Waxaad baran doontaa:

- Awood dareeraha
- Qaybaha farsamada makaanikada
- Nidaamyada xakamaynta korantada
- Xakamaynta dhaqdhaqaaqa iyo aragtida mashiinka
- Dareemayaasha iyo xakamaynta nidaamka
- Robodyada
- Dayactir saadaalinta ah
- Maamulayaasha Garaadka la borograamgareeyo
- Xirfadaha kombiyuutarka ee loogu baahan yahay tiknoolojiyada otomaatiga u shaqeeya

Haddii aad jeceshahay kombuyuutarada, aaladaha farsamada, la shaqaynta dadka, kala duwanaanta waxyaabaha, Nidaamka tiknoolojiyada Iswada & Robodyada ayaa laga yaabaa in ay adiga kugu habboontahay.

## Macluumaadka Xirfadda

Gobolka Minnesota, toddobadii qofba

## Astaamaha Gaarka ah ee Barnaamijka

- Jadwal debeansan oo loogu talagalay ardayda dhigata wakhti-dhiman ama wakhti-buuxa, oo dhammaan fasallada la duubay si ardayda loogu fududeeyo
- Khibrad gacan-ku barasho ah oo lala shaqaynayo qalabka xirfada shaqo ee hadda jira
- PLC Dhammaystiran iyo Helitaanka kombiyuutarka

mid ayaa ka shaqeeya waxsoosaarka - dad ka badan 330,000, sida laga soo xigtay Waaxda Shaqada iyo Horumarinta Dhaqaalaha ee MN. Shaqooyinka waxsoosaarku waxay bixiyaan \$250-\$400 asbuuciiba in ka badan celceliska mushaarka gobolka oo dhan.

Iyada oo 100% shaqo lagu meeleeeyo, ardayda qalinjabisa ayaa waxay ku guuleystaan shaqooyinka sida otomaatig samaynta ama farsamayaqaanada aaladaha robodyada ee xarumaha waxsoosaarka horumarsan Waxaad noqon kartaa:

- Dayactiraha nidaamyada iskood isuwada
- Farsamoyaqaanka dhiska mashiinka
- Injineerka taageerada geedi socodka howsha
- Badeecada, nidaamka, ama qorshaynta xarumaha, rakibida iyo taageerada

Mushaharka dhexdhexaadka ah ee Minnesota: \$24-27/saacadii

Qaar ka mid ah Mushaharada Aagga Hutchinson: \$31+

## Shahaadooyinka

Nidaamka Tiknoolojiyada Iswada & Robodyada

AS Degree - 67 Dhibcood

Dibloomada - 64 Dhibcood

Farsamoyaqaanka Maaraynta Nidaamka Howsha

AAS Degree - 60 dhibcood

Dibloomada - 51 Dhibcood

Sartifikeedka - 30 Dhibcood

Samaynt Tiknoolajiyada Warshadaha

Sartifikeedka - 16 Dhibcood

## Ballan u samayso Booqasho & Codso Maanta!

[ridgewater.edu/visit](http://ridgewater.edu/visit)  
[ridgewater.edu/applynow](http://ridgewater.edu/applynow)

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

## Barnaamijyada La

### Xiriira

Tiknoolajiyada Qalabka  
Mashiinka

Baariitaanka aan Waxyeellada  
Lahayn

Qoritaanka iyo Naqshadeynta  
Kombiyuutarka Lagu  
Caawinayo

Alxanka



**RIDGEWATER**  
COLLEGE

Xubin katirsan Gobolka Minnesota

Ridgewater College waa tallaabo xaqiijin ah, shaqo bixiye iyo waxbare fursado loo simanyahay. Dukumi-intigaan 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. 11/2020 P281

Maajo 2021: Tarjumadan waxaa maalgelisay deeqda RC Perkins grant. Si aad u hesho macluumaadkii ugu dambeeyey ee barmaamijka, booqo [ridgewater.edu](http://ridgewater.edu) oo ka dooro turjubaanka Luqadda ee af Soomaaliga.

# Automation & Robotics Systems Technology

[ridgewater.edu/automation](http://ridgewater.edu/automation)



Hutchinson Campus

## About the Program

Ridgewater's Automation and Robotic Systems Technology program brings modern manufacturing to the classroom. You will learn advanced integrated manufacturing, forming a solid foundation to start a career in manufacturing. Working employees can build upon their skills to create opportunities for promotion and better paying jobs within their company.

You will learn:

- Fluid power
- Mechanical components
- Electrical control systems
- Motion control and machine vision
- Sensors and process controls
- Robotics
- Predictive maintenance
- Programmable Logic Controllers
- Computer skills needed for automated technologies

If you like computers, mechanical devices, working with people, variety, and challenges, Automation and Robotics Systems may be for you.

## Career Info

In Minnesota, one in seven people

## Program Distinctions

- Flexible scheduling for part-time or full-time students, with all classes recorded for student convenience
- Hands-on experience with industry-current equipment
- Comprehensive PLC and computer exposure
- Small class sizes with experienced staff

work in manufacturing – over 330,000, according to the MN Department of Employment and Economic Development. Manufacturing jobs pay \$250-\$400 more per week than the statewide average wage.

With 100% job placement, graduates succeed in jobs as automation or robotics technicians in advanced manufacturing facilities. You may be:

- Automated systems maintenance
- Machine build technician
- Process support engineer
- Product, system, or facilities planning, installation and support

Minnesota Median Wages: \$24-27/hour

Some Hutchinson Area Wages: \$31+

## Degrees and Certificates

Automation and Robotic Systems Technology

AS Degree - 67 Credits

Diploma - 64 Credits

Process Controls Technician

AAS Degree - 60 Credits

Diploma - 51 Credits

Certificate - 30 Credits

Manufacturing Production Technology

Certificate - 16 Credits

## Schedule a Visit & Apply Today!

[ridgewater.edu/visit](http://ridgewater.edu/visit)  
[ridgewater.edu/applynow](http://ridgewater.edu/applynow)

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

## Related Programs

Machine Tool Technology

Nondestructive Testing

Computer Aided Drafting & Design

Welding



**RIDGEWATER**  
COLLEGE

A Member of Minnesota State

Ridgewater College is an affirmative action, equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities; consumers with hearing or speech disabilities may contact us via their preferred Telecommunications Relay Service.

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