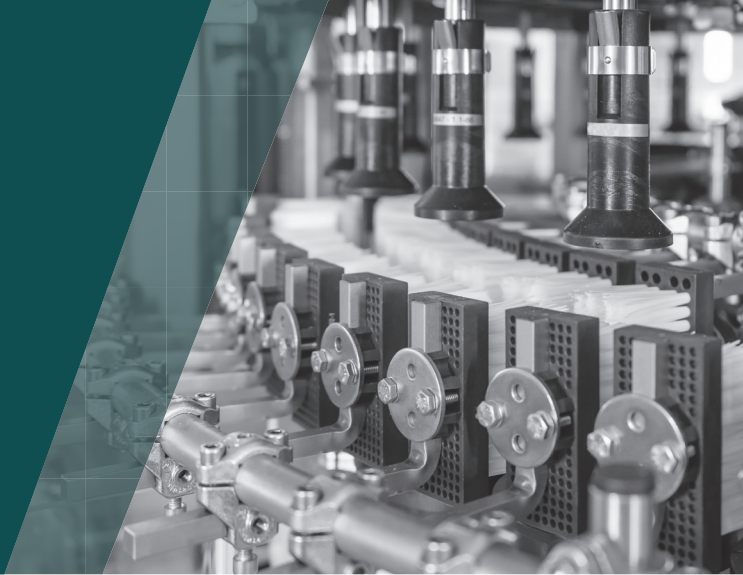


# INDUSTRIAL AUTOMATION & ROBOTICS

LIMITED ENROLLMENT • ON CAMPUS  
SELECT COURSES AVAILABLE ONLINE



National and regional job statistics indicate increasing job openings due to workforce exits and occupational transfers in addition to new jobs created in the sector.

## CAREER opportunities

- Industrial Automation Technician
- Mechatronics Technician
- Service Technician
- Field Service Engineer Technician
- Maintenance Technician
- Equipment Support Specialist
- Biomedical Technician
- Automation Engineer Technician



Level up your earning power and continue your education with a 4-year **Mechatronics Engineering Technology** degree from BSC.

## HANDS-ON LEARNING. **WORKFORCE READY.**

Build on foundational knowledge offered in other energy-related programs with a two-year **Industrial Automation & Robotics degree from Bismarck State College.**

Automation is a key facet in many industries including manufacturing, food and beverage, energy, logistics and more. As technology continues to advance, skill sets in automation are needed more than ever. With BSC's Associate in Applied Science in Industrial Automation you will be prepared to apply the skills you learn into an exciting and unlimited career.

### PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

<b>ESRE 210</b>	Electrical & Safe Work Practices
<b>ESRE 213</b>	Hydraulic Fundamentals
<b>ESRE 216</b>	Mechanical Drive Systems
<b>ESRE 218</b>	Distributed Power Systems
<b>ESRE 226</b>	Analog PLCs
<b>ESRE 228</b>	Technician Applications & Troubleshooting
<b>CAD 201</b>	Fundamentals of Geographical Communication
<b>ENRT 105</b>	Safety, Health & Environment
<b>ENRT 221</b>	Applied Electronics
<b>ENRT 224</b>	Automation & Control
<b>ENRT 240</b>	Industrial SCADA
<b>INAU 210</b>	Automation Systems
<b>INAU 220</b>	Machine Vision & Identification
<b>INAU 230</b>	Industrial Robotics
<b>INAU 240</b>	Integrated Systems, Design & Setup
<b>INAU 245</b>	Integrated Systems, Troubleshooting and Quality Control

*\*Program also includes general education requirements*



*This program receives funding from the U.S. Department of Labor, veterans and eligible spouses receive priority of service over non-covered persons. (20 CFR 1010)*



**STRONG JOB  
MARKET**



**SEAMLESS  
TRANSFER TO  
4-YEAR PROGRAM**



**\$67K MEDIAN  
SALARY**

[bismarckstate.edu](http://bismarckstate.edu)

\*Earning estimates were provided by Lightcast in the summer of 2024

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FAC-111-0624