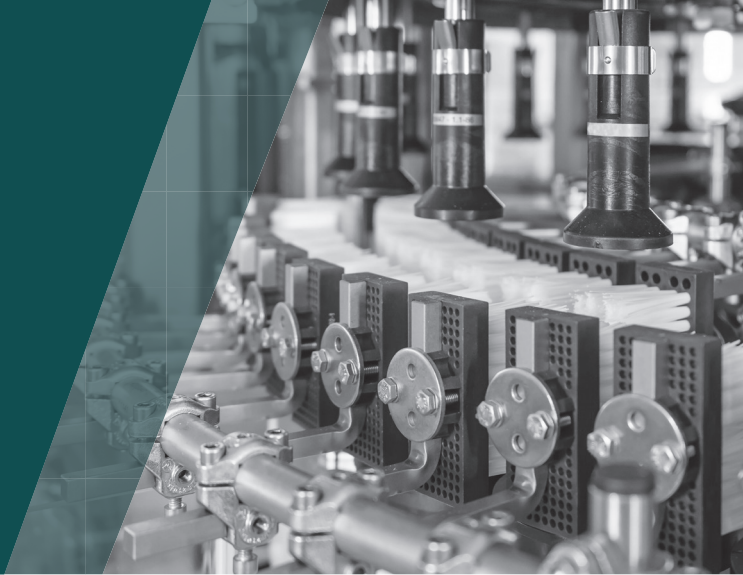


INDUSTRIAL AUTOMATION & ROBOTICS

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



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)

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

ESRE 210	Electrical & Safe Work Practices
ESRE 213	Hydraulic Fundamentals
ESRE 216	Mechanical Drive Systems
ESRE 218	Distributed Power Systems
ESRE 226	Analog PLCs
ESRE 228	Technician Applications & Troubleshooting
ENRT 112	Print Reading
ENRT 105	Safety, Health & Environment
ENRT 221	Applied Electronics
ENRT 224	Automation & Control
ENRT 240	Industrial SCADA
INAU 210	Automation Systems
INAU 220	Machine Vision & Identification
INAU 230	Industrial Robotics
INAU 240	Integrated Systems, Design & Setup
INAU 245	Integrated Systems, Troubleshooting and Quality Control

*Program also includes general education requirements



**STRONG JOB
MARKET**



**SEAMLESS
TRANSFER TO
4-YEAR PROGRAM**



**\$40-50K
STARTING
SALARY**

bismarckstate.edu

*Earning estimates were provided by Lightcast in the summer of 2022

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