

INDUSTRIAL AUTOMATION

LIMITED ENROLLMENT • ON CAMPUS
SELECT COURSES AVAILABLE ONLINE



BISMARCK
STATE COLLEGE

North Dakota's
Polytechnic Institution



**TUITION WAIVERS
AVAILABLE**

National and regional job statistics indicate increasing job openings due to labor force 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

NATIONAL ENERGY CENTER OF EXCELLENCE

HANDS-ON LEARNING. WORKFORCE READY.

BSC's new Industrial Automation degree builds on foundational knowledge offered in other energy-related programs.

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. BSC's associate in applied science degree in industrial automation will prepare students to apply the skills they learn into an exciting and unlimited career.

Prescribed Technical Program Requirements

*ESRE 210	Electrical & Safe Work Practices	3 credits
*ESRE 216	Mechanical Drive Systems	4 credits
*ESRE 213	Hydraulic Fundamentals	3 credits
*ESRE 218	Distributed Power Systems	4 credits
*ENRT 224	Automation & Control	3 credits
*ENRT 221	Applied Electronics	3 credits
*ESRE 226	Analog PLCs	3 credits
*ESRE 228	Technician Applications & Troubleshooting	4 credits
*ENRT 112	Print Reading	3 credits
*ENRT 105	Safety, Health & Environment	3 credits
*ENRT 240	Industrial SCADA	3 credits
INAU 210	Automation Systems	3 credits
INAU 220	Machine Vision & Identification	3 credits
INAU 230	Industrial Robotics	3 credits
INAU 240	Integrated Systems, Design & Setup	3 credits
INAU 245	Integrated Systems, Troubleshooting and Quality Control	4 credits

**Available online and on campus*



**STRONG
JOB MARKET**



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



**SEAMLESS
TRANSFER TO
4-YEAR PROGRAM**

bismarckstate.edu



SCHEDULE A TOUR



701-224-5429

Our student-led campus tours include a 30-minute presentation and a 60-minute walking tour.

Schedule an online or in-person tour
bismarckstate.edu/visit

IF YOU'RE A NEW STUDENT

- ☐ Complete your application for admission online
bismarckstate.edu/apply
*non-refundable \$35 application fee
- ☐ Request your official high school transcript or official GED transcript be sent to BSC
- ☐ Request documented proof of immunity to measles, mumps, rubella and meningococcal

IF YOU'RE A TRANSFER STUDENT

- ☐ Complete the new student section (left)
- ☐ Request your official college transcripts be sent to BSC

IF YOU'RE A RETURNING STUDENT

- ☐ Complete your application for admission online (no fee required) **bismarckstate.edu/apply**
- ☐ Request your official college transcripts be sent to BSC

Additional admissions requirements may apply.

For more information go to bismarckstate.edu/apply