

HANDS-ON LEARNING. WORKFORCE READY.



Welcome to the 1st edition of the BSC Polytechnic Newsletter! At North Dakota's Polytechnic Institution, learning is hands-on and grounded in the principles of STEAM (science, technology, engineering, the arts, and mathematics). The programs are designed in collaboration with business and industry partners focusing on high-priority occupations. Students learn during internships, through cooperative projects and in state-of-the-art classrooms. Whether studying arts and sciences or pursuing highly technical programming, North Dakota's Polytechnic prepares students to be workforce ready and succeed wherever their educational journey takes them.



Value Proposition

As North Dakota's Polytechnic Institution, Bismarck State College provides industry-responsive education to individuals seeking skills for employment or professional growth in high-priority occupations. We accomplish this by collaborating with business and industry leaders to develop stackable credentials and degrees that impact the emerging economy. We connect talent to opportunity through our public and private partnerships, creating an avenue for employees and employers to be successful together.



THE POLYTECHNIC ADVANTAGE

Hands-on practical and
purposeful learning.

Flexible career pathways
that fit your life.

Professional connections
to enrich your career.

**FLEXIBLE.
AFFORDABLE.
TRANSFERABLE.**

National Coalition of Advanced Technology Centers (NCATC) Findings

In September of 2020, BSC engaged the National Coalition of Advanced Technology Centers (NCATC) to assess the readiness to pursue an expanded Polytechnic mission. Seventeen stakeholder groups were brought in for conversation and fact finding. The NCATC study serves as the foundation of the Strategic Plan that will be used to direct the BSC Polytechnic expanded mission. The Strategic Plan includes development of Business and Industry Leadership Teams (BILT) and operational, programming, equipment, and facility needs.

Gray Associates Findings

In November of 2020, Gray Associates completed an Economic Environmental Scan and Competitive Analysis Study. The study provided guidance on emerging and future educational needs to develop a robust talent development system for High Priority Occupations (HPOs). Twenty-one programs were identified such as:

- Mechatronics/Robotics/Automation Engineering
- Computer Science
- Health Care Administration and Management
- Registered Nursing
- Business Administration and Management
- Logistics/Materials/Supply Chain Management
- Other Engineering and Digital Disciplines

Summer STEAM Camps

Cybersecurity Discovery Camp, June 15 & 16, 8:00am-12:00pm, for students entering grades 6-9. **LIMITED SPOTS AVAILABLE**

MedAdventure Camp, June 21-25, 9:00am-12:00pm,

geared towards students ages 8-12. **FULL**

Welding Camp, June 14-18, 1:00pm-5:00pm, ages 12-15. Tools, supplies, and protective gear are provided. Wear close-toed shoes, cotton clothing, and jeans. No polyester. **FULL**



New Program Offerings - Enroll Today!

Cyber Certificates-Six new program certificate opportunities to expand students' knowledge on the fundamentals and technologies of Cybersecurity. These certificates include: Cybersecurity Fundamentals, Computer Networking, Modern Computing, Offensive and Defensive Security, Secure Programming, Security Hacking.

Mobile Apps-Designed for new and current students as well as industry professionals, this short, intensive certificate program, develops skills to take mobile applications from concept to launch through six-courses offered entirely online.

Custom Applicator-The Custom Applicator program prepares students in custom application of crop protection products. Greater technical expertise is required to ensure proper application of fertilizers and pesticides due to developments in precision equipment, advanced crop technologies, and increased environmental awareness.

AAS in Industrial Automation-The Industrial Automation program prepares students to install, maintain, repair, operate, and troubleshoot physical machines and control systems used to automate tasks within an industrial process. **\$1,000 program waivers are available.**

BSC Magazine



[Read more](#) about how BSC is integrating it's Polytechnic Mission.

Polytechnic Newsletter
bsc.polytechnic@bismarckstate.edu
bismarckstate.edu

[Unsubscribe bsc.polytechnic@bismarckstate.edu](#)

[Update Profile](#) | [About Constant Contact](#)

Sent by bsc.polytechnic@bismarckstate.edu in collaboration
with



Try email marketing for free today!