



HANDS-ON LEARNING. WORKFORCE READY.



Polytechnic Newsletter November 2022

New Diesel Tech Program



Bismarck State College will be offering a new one-year [Diesel Technology](#) program that was developed in response to industry partners expressing a workforce need. Classes will begin in January 2023 and students in the program will receive hands-on, on-the-job training and gain fundamental skills for servicing, repairing, and troubleshooting diesel equipment while working daily at a BSC partner facility. In addition to the cooperative education internship, students will also attend a daily online synchronous class. Current partners in North Dakota and across the Midwest that are accepting BSC Diesel Technology students at their facilities for this program are [RDO Equipment Co](#), [PLAINS AG](#), [Butler Machinery](#), and [Gooseneck Implement](#).

An Inside Look at Industrial Automation



The [Industrial Automation](#) program at BSC prepares students to install, maintain, repair, operate, and troubleshoot physical machines and control systems used to automate tasks within an industrial process. Using project-based learning, students will complete a solid foundation of electronic, electrical, mechanical, control systems, robotic systems, and their integration to increase the productivity and efficiencies of industrial facilities. Get an inside look at Industrial Automation with this recent [STORY](#).

BSC Hosted CYBERCON 2022



On October 4-5, Bismarck State College hosted the 5th Annual [CyberCon](#) conference. Through collaboration and education CyberCon helps bring awareness to the importance of Cybersecurity and to

the abundance of career opportunities that exist. The 2022 event was well attended, and the planning is already underway for 2023!



BSC Hosted MFG Day with Bobcat

On October 6, BSC along with [Bobcat](#) hosted a Manufacturing Day event. The joint effort kicked off at the National Energy Center of Excellence with a welcome by Alicia Uhde, Director of Polytechnic Outreach for BSC. Dean Kuhn, Site Operations Manager at Doosan Bobcat, then provided an overview of the company, and also shared how his personal and professional experiences led him to his current position with the company. BSC faculty provided hands-on activities and students also took a tour of the Bobcat facility in Bismarck. Hear more about the day at [KXNET](#).

Out and About



Bismarck State College attended the Manufacturing Day event in Dickinson on October 12 held at the Biesiot Activities Center. BSC provided demonstrations on programmable logic controllers (PLCs), and also offered students the opportunity to operate a quadruped robot. The annual [Dickinson MFG Day Event](#) provided career awareness to over 575 students.

Bismarck State College Polytechnic Education Facility Groundbreaking

Tuesday, Nov. 29, 2022 | 10 a.m.

Basin Electric Auditorium

BSC National Energy Center of Excellence (NECE)

1200 Schafer St., Bismarck

Due to the likelihood of cold weather conditions, remarks will be held indoors, and only groundbreaking photos will take place at the new building site next to the NECE. Following the ceremony, we invite you to connect with other North Dakota industry, legislative, community and education leaders, to learn more about how the BSC polytechnic mission will benefit economic, community and workforce development in our state. Warm beverages and refreshments will be available.

Market Research Survey Needs You

BSC is conducting market research on our marketing and recruitment efforts to recruit and educate the skilled workforce you need. As an industry leader in our region, it would be of great help to BSC if you or someone in your organization could complete this [SURVEY](#) by **November 19, 2022**.

Please consider sharing this opportunity with anyone in your organization or others who would provide valuable insight. Thank you in advance for your time.



JOB OPPORTUNITY

As North Dakota's Polytechnic Institution, Bismarck State College prepares our students to be workforce ready, right out of college. Driven by excellence and fueled by education, join our team today!

- [Adjunct Manufacturing Engineering Technology](#)
- [Assistant Professor of Cybersecurity](#)
- [Dialysis Technician Instructor/Developer CE](#)
- [Outreach Coordinator](#)

Come See Us

Upcoming Events

Nov 9: [Minot Area Career Expo](#), Minot

Dec 1: [Health, Tech & Trades Career Expo](#), Fargo

Feb 16-18: [Cyber Madness](#), Bismarck State College

Contact: bsc.polytechnic@bismarckstate.edu
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