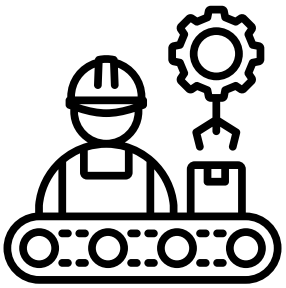
INSPIRING TOMORROW



NORTH DAKOTA CTE EDUCATOR WORKSHOP

Monday, July 14th
11:00 AM - 5:00 PM

Advanced Technology Center (ATC)
Bismarck State College
1220 Schafer Street
Bismarck, ND 58501

11:00 AM - 1:00 PM	Registration & Lunch ATC Foyer and Room 210
1:00 PM	Welcome ATC Live Event Center
1:15 PM	Introduction to Industry 4.0 ATC Live Event Center
2:15 PM	Manufacturing in North Dakota ATC Live Event Center
2:30 PM	Virtual Reality Manufacturing Experiences & Snack Break ATC 210
3:30 PM	BSC's Advanced Technology Center Tour & Logistics Trainer Meet in ATC Lobby
4:30 - 5:00 PM	Options for Your Professional Development Credit ATC Live Event Center

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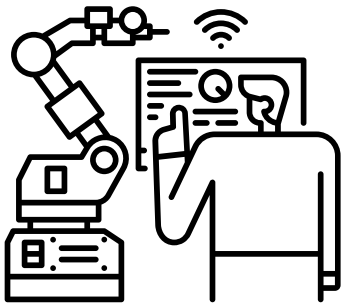
Tuesday, July 15th
8:00 AM - 5:00 PM

Advanced Technology Center (ATC)
Bismarck State College
1220 Schafer Street
Bismarck, ND 58501

8:00 AM	Breakfast ATC 210
8:15 AM	The Robots are Coming ATC 210
8:45 AM	Depart for Group Activities



Group 1	Group 2	Group 3
9:00 AM Pegasus Robotic Simulation ATC, West Flex Lab	9:00 AM Fanuc Robots ATC, West Flex Lab	9:00 AM Tour Bobcat Manufacturing Facility
10:20 Snack Break ATC	10:20 Snack Break ATC	Load the Bus at 10:30 AM Snack Break
10:30 AM Fanuc Robots ATC, West Flex Lab	10:30 AM Pegasus Robotic Simulation ATC, West Flex Lab	10:45 AM Tour Doosan Bobcat Acceleration Center

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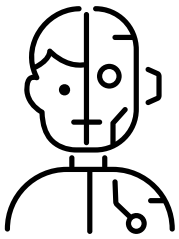
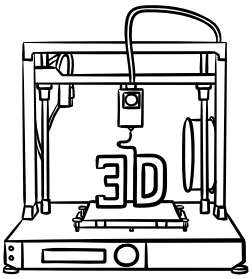
12:00 PM	Lunch & Assistive Robots ATC 210
12:45 PM	Depart for Groups



Groups 1 and 2	Group 3
1:00 PM Tour Bobcat Manufacturing Facility	1:00 PM Pegasus Robotic Simulation ATC, West Flex Lab
Load the Bus at 2:30 PM	2:15 PM Break
2:45 PM Tour Doosan Bobcat Acceleration Center	2:30 PM Fanuc Robots ATC, West Flex Lab

3:45 PM	Snack Break ATC 210
4:00 - 5:00 PM	The Digital Hive: 3D Printing Lab ATC 210 and Digital Hive



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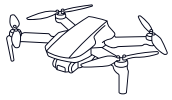
Wednesday, July 16th

8:00 AM - 5:00 PM

Advanced Technology Center (ATC)
Bismarck State College
1220 Schafer Street
Bismarck, ND 58501

8:00 AM	Breakfast ATC 210
8:15 AM	Drones in Industry and Guided Drone Practice ATC 210 
9:30 AM	Drone Operator Virtual Reality Experience & Snack Break ATC West Flex Lab
10:00 AM	Introduction to Competitive Integrated Employment (CIE) ATC 210
10:30 AM	The Power of AT: Expanding Possibilities ATC 210
12:00 PM	Lunch & Creating Accessible & Engaging Learning Environments ATC 210
1:00 PM	Curriculum Integration Ideas ATC 210 
1:30 PM	Manufacturing the Future: Bolstering North Dakota's Energy Sector ATC 210
2:00 PM	Community and College Resource Showcase & Snack Break ATC 306
3:00 - 5:00 PM	Programmable Logic Controllers (PLCs) West Flex Lab

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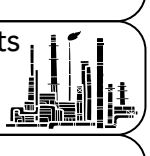
Thursday, July 17th

8:00 AM - 2:00 PM

Advanced Technology Center (ATC)
Bismarck State College
1220 Schafer Street
Bismarck, ND 58501

8:00 AM	Breakfast ATC 301
8:15 AM	From Crude to Commerce: The Refining Process and Its Products ATC 301 
9:15 AM	Exploring North Dakota's Energy Landscape ATC 301
10:00 AM	Introduction to Renewable Energy Technologies & Snack Break ATC 301
11:00 AM	Connecting North Dakota: Exploring Our Energy Grid ATC 301
12:00 PM	Lunch & Bridging the Gap: Identifying Workforce Needs in North Dakota's Energy and Manufacturing Sector ATC 301
1:00 PM	Innovation and Opportunity ATC 301 
1:30 - 2:00	Concluding Remarks and Expression of Gratitude ATC 301

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