



T⁴ Tools Trades Torque Tech



**NORTH DAKOTA'S
PREMIER WORKFORCE
DEVELOPMENT
PROGRAM FOR YOUTH!**

BISMARCK STATE COLLEGE

Collaborating with CRACTC - Central Regional Area Career & Technical Center, Central & South Sections



SEPTEMBER 28, 2022 ~ GRADES 10-12

SEPTEMBER 29, 2022 ~ GRADES 8-10

T4 introduces students to workforce skills, needs, training and networking opportunities with industry leaders and technicians!

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WHAT IS T4?

www.T4NDSummit.org

T4 introduces students to workforce skills, needs, training and networking opportunities with industry leaders and technicians! How do we expect young people to dream if they don't know what they can dream about? T4 Tools Trades Torque Tech is the premier way for tomorrow's workforce to get an up-close look at the inner workings of industry.

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701-226-2273 (mobile)
NDT4T-mkipp@midco.net



Hands-on HAPPENS HERE.

At Bismarck State College you are empowered by **BIGGER, BOLDER OPPORTUNITIES**

- Choose from 100+ career pathways with certificate, associate and bachelor's degree options in energy, manufacturing, cybersecurity, health sciences, agriculture, finance and more.
- Learn in state-of-the-art facilities from industry-trained faculty who focus on hands-on learning.
- Excel in small classes with plenty of flexibility and student support services.
- Build lifelong relationships through student clubs, sports and activities.



AFFORDABILITY

With waivers, generous scholarships and financial aid packages, you can earn your degree with little to no debt.



100+ CAREER PATHWAYS

with bachelor's and associate degrees, and stackable certificate options.

12+ MYSTIC ATHLETICS

BSC boasts men's and women's varsity NJCAA intercollegiate teams.

SCHEDULE FOR THE DAY

SEPTEMBER 28, 2022 ~ GRADES 10-12

SEPTEMBER 29, 2022 ~ GRADES 8-10

(Schedule will be the same for both days, all times CST)

Bismarck State College

8:30 a.m. – 2:00 p.m. (Please follow the schedule provided to you by your advisor!)

8:30 a.m. – 9:10 a.m.	Pre-Opening Arrival
9:10 a.m. – 9:50 a.m.	<p>Opening General Session – National Energy Center of Excellence (NECE) ~ 4th Floor Master of Ceremonies: Paul Hanebutt, 2nd Year Agribusiness Student at Bismarck State College</p> <p>Welcoming Remarks: Wednesday – Dr. Doug Jensen, President ~ Bismarck State College Thursday – Alicia Uhde, Director ~ BSC Polytechnic Outreach</p> <p>General Session Presentation: Opportunity Knocks! Pat Bertagnolli, Executive Director ~ Job Service North Dakota</p> <p>What is T4? Why am I Here? Kent Ellis – T4 Director</p> <p>Let's Begin Our Day! Kevin Stankiewicz, Outreach Coordinator ~ Bismarck State College</p>
10:00 a.m. – 10:40 a.m.	All Students Attend Session 1 (Follow your advisor!)
10:50 a.m. – 11:30 a.m.	All Students Attend Session 2 (Follow your advisor!)
11:30 a.m. – 12:15 p.m.	<p>Lunch! Enjoy your lunch in the National Energy Center of Excellence, 4th Floor (Follow your advisor and PLEASE pick up after yourselves!)</p>
12:30 p.m. – 1:10 p.m.	All Students Attend Session 3 (Follow your advisor!)
1:20 p.m. – 2:00 p.m.	All Students Attend Session 4 (Follow your advisor!)
2:00 p.m.	Depart – Thank; for attending! Safe Travels!



Master of Ceremonies – Paul Hanebutt

Welcome to Bismarck State College! My name is **Paul Hanebutt**, it is my second year in Agribusiness at Bismarck State College. I am originally from New Salem, N.D. Being a social guy throughout high school, it was easy for me to transition to college and meet so many new people. I have thrived in the college setting because of my extroverted and outgoing personality. My advice to everyone is to be social and you will enjoy college very much.

As far as my major, Agribusiness was the choice for me. Coming from a small farm and ranch I knew that I still wanted to be in agriculture, specifically sales. I have been around the industry my entire life, so it was such a natural fit. Classes have been great. Going to a two-year college, I have been exposed to several classes that people at four-year colleges don't take until their senior year. I have been deeply involved with the BSC Ag Club, and currently serve as the club Vice President. My future includes graduating from Bismarck State College. I am still undecided on if I would like to continue to North Dakota State or Dickinson State.

General Session Presentation: Opportunity Knocks!

Pat Bertagnolli, Executive Director – Job Service North Dakota

Governor Doug Burgum appointed **Pat Bertagnolli** as Executive Director of Job Service North Dakota in early 2022. Pat was previously the Director of Operations at the Rough Rider Center in Watford City, N.D. and has an extensive background in Human Resources.

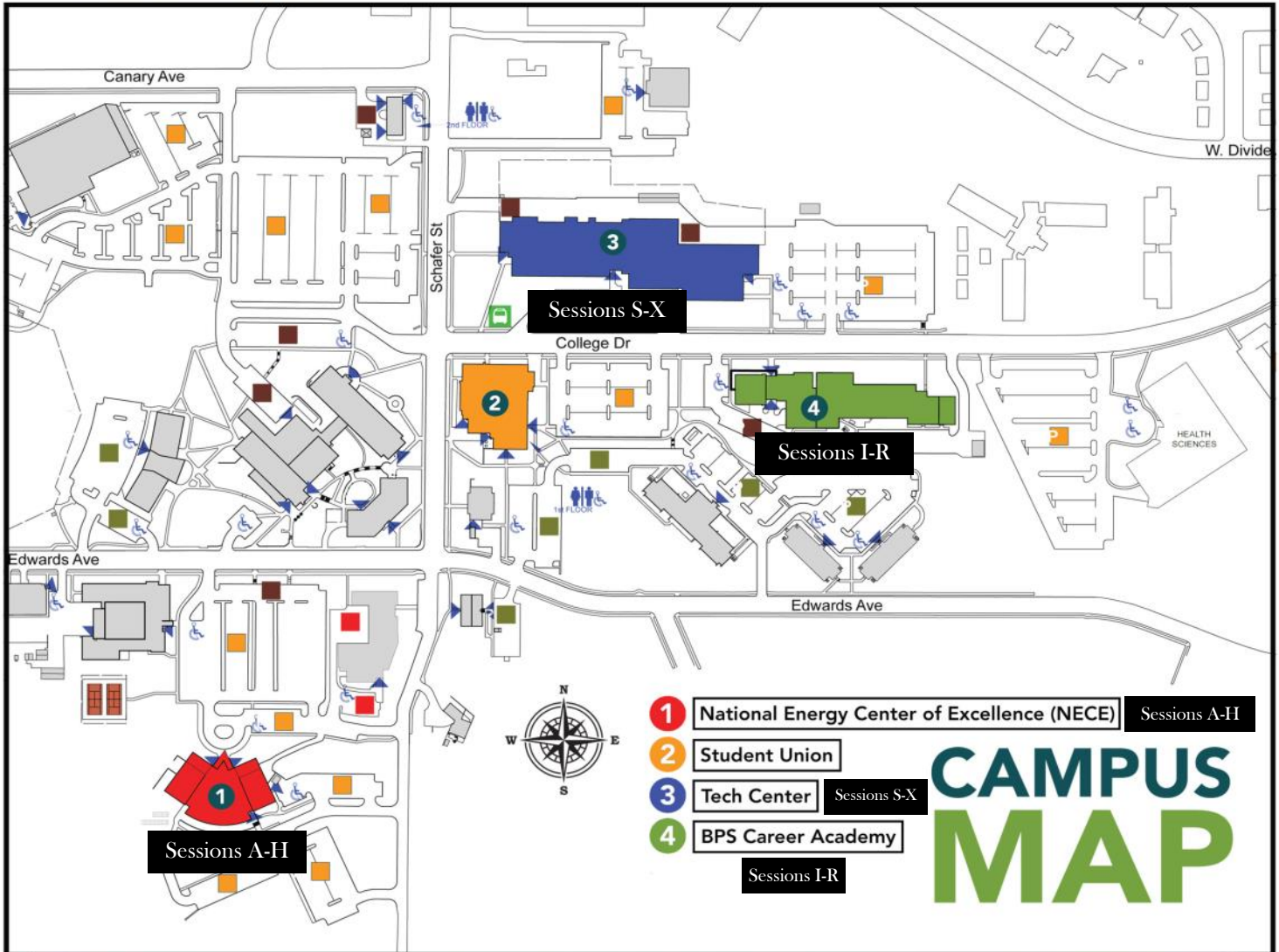
Bertagnolli earned his bachelor's degree in business administration in 1990 from Carroll College in Helena, Mont., and a Senior Certified Professional credential from the Society for Human Resource Management in 2015. He currently serves on the TrainND Northwest Advisory Board and on Williston State College's nursing advisory board. He has served on the state's Workforce Development Council for eight years, having been first appointed by then-Gov. Jack Dalrymple in 2014 and reappointed by Burgum in 2016, and is a former president of the Watford City Area Chamber of Commerce.





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T4 ~ BISMARCK STATE COLLEGE CAMPUS MAP



ENJOY YOUR DAY!

Remember!
The Magic Words for the day: PLEASE AND THANK YOU!

Remember to thank your session facilitators, advisors, chaperones, and other volunteers that help you throughout the day!

Take good care of your possessions! T4, Bismarck State College, Bismarck Public Schools Career Academy & Technical Center CANNOT be held responsible for lost or stolen items.

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T4 ~ BISMARCK STATE COLLEGE SESSION LIST

BUILDING 1 - NATIONAL ENERGY CENTER OF EXCELLENCE (NECE)

Session A:

ROOM 101 - EMT/Paramedic
Bismarck State College
Facilitator: Kelli Sears
kelli.sears@bismarckstate.edu

Session B:

ROOM 253 - Energy Fundamentals
Bismarck State College
Facilitator: Dan Schmidt
Daniel.j.schmidt@bismarckstate.edu

Session C:

ROOM 321 - Automation & Renewable Generation
Bismarck State College
Facilitators: Mike Chamberlain and Larry Hanson
m.a.chamberlain@bismarckstate.edu
larry.hanson@bismarckstate.edu

Session D:

ROOM 317 - GIS Surveying and Mapping
Bismarck State College
Facilitators: Angie Milakovic and Dave Sagsveen
Angela.milakovic@bismarckstate.edu
David.sagsveen@bismarckstate.edu

Session E:

ROOM 431/433 - Quadruped Robots
Bismarck State College
Facilitators: Bill White and Tracy Mossent
Bill@stokeseducation.com
tracy@mossent.com

Session F:

ROOM 235 - Engineering
Butler Machinery
Facilitator: Jason Knudson
Jason.knudson@butlermachinery.com
www.butlermachinery.com

Session G:

ROOM 103 - Electrical Construction
IBEW Local 714
Facilitators: Clay Nagel and Tony Webb
Clayn714@gmail.com
Tonywebb.ibew714@gmail.com
www.Local714.com

Session H:

ROOM 119 - Cracking the Code
NDIT-EduTech
Facilitators: Tyler Ward and Jason Mattheis
Tyler.ward@ht2.nd.us
Jason.mattheis@ht2.nd.us
www.edutech.nodak.edu

BUILDING 4 - BISMARCK PUBLIC SCHOOLS CAREER ACADEMY

Session I:

Multipurpose Room - How to Build a Road
Northern Improvement Company
Facilitators: Molly Barnes and Mackenzie Gable
mbarnes@nicnd.com
hr@nicnd.com
www.nicnd.com

Session J:

Multipurpose Room - Heavy Equipment Operations
Local 49
Facilitators: Cole Uecker and Nathan Brandt
cuecker@local49.org
www.local49.org

Session K:

Multipurpose Room & Bay - Tire Service, John Deere Tech.
Gooseneck Implement
Facilitators: Dan Stadick, Scott Kraft, McKensie Poppinga, Stewart Opland, Hillary Duchshere
danstadick@gooseneckimp.com
www.gooseneckimp.com

Session L:

Multipurpose Room - HVAC Industry
SMART Local 10
Facilitators: Nick Murphy and Keith Tucker
nmurphy@smw10.org
<https://www.smw10.org/north-dakota.html>

Session M:

Multipurpose Room - Pipeline Operations and Construction
MPLX
Facilitator: Annette Sluder
AASluder@marathonpetroleum.com

Session N:

ROOM 114 - Precision Agriculture
Bismarck State College
Farmer's Edge, Agtegra Cooperative
Facilitators: Carmel Miller, Lindsey Novak, Katie Wirt and Eric Bernhardt
Carmel.miller@bismarckstate.edu
Lindsey.novak@bismarckstate.edu

Session O:

ROOM 238 - Instrumentation and Control
Bismarck State College
Facilitators: Wes Braun and Vance Vesey
wesley.braun@bismarckstate.edu
vance.vesey@bismarckstate.edu

Session P:

ROOM 230 - Electronics
Bismarck State College
Facilitator: Mike Holman
Mike.holman@bismarckstate.edu

Session Q:

ROOM 104/108 - Agriculture Financing, Trading Commodities
Bismarck State College
Facilitators: Kenan Layden and Chris Duchshere
Kenan.r.layden@bismarckstate.edu
Chris.duchshere@bismarckstate.edu

Session R:

ROOM 122 - Agronomy and Animal Production
Bismarck State College
USDA Northern Great Plains Research Center
Facilitators: Charlotte Heim, Marko Davinic and Raina Hanley
Marko.davinic@bismarckstate.edu
Charlotte.l.heim@bismarckstate.edu

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BUILDING 3 - TECH CENTER

Session S:

ROOM 102 – Cybersecurity
Bismarck State College
Facilitators: Debbie Mantz and
Lynette Borjeson Painter
Deborah.mantz@bismarckstate.edu
Lynette.painter@bismarckstate.edu

Session T:

ROOM 251 – Carpentry
Bismarck State College
Facilitators: Lee Friese and Jordan Gladue
Lee.friese@bismarckstate.edu
Jordan.gladue.1@bismarckstate.edu

Session U:

ROOM 126 – Artificial Intelligence
Bismarck State College
Facilitators: Lynette Borjeson Painter, Karen Arlien
and Amy Helgeson
Lynette.painter@bismarckstate.edu
Karen.m.arlien@bismarckstate.edu
Amy.helgeson@bismarckstate.edu

Session V:

ROOM 205/221 – Auto Tech
Bismarck State College
Facilitator: Todd Reidman
Todd.reidman@bismarckstate.edu

Session W:

ROOM 103 – Welding
Bismarck State College
Facilitator: Kyle Mattson
Kyle.l.mattson@bismarckstate.edu

Session X:

ROOM 239 – HVAC
Bismarck State College
Facilitator: Ryan Okerson
Ryan.okerson@bismarckstate.edu

T4 - BISMARCK 2022 PARTICIPATING SCHOOLS

As of 9/14/22

- Wishek Public School
- Elgin-New Leipzig Public School
- Strasburg Public School
- Turtle Lake-Mercer Public School
- Zeeland Public School
- Carson Public School
- Flasher Public School
- Center-Stanton Public School
- Napoleon Public School
- Washburn Public School
- Dunseith Public School
- Kulm Public School
- Linton Public School
- Wing Public School
- Beulah Public School
- Solen Public School
- Simle Middle School – Bismarck
- Ashley Public School
- Max Public School
- McClusky Public School
- Hazen Public School
- Home School Students and Parents

Thank you for helping T4 introduce your students to workforce skills, needs, training and networking opportunities with industry leaders and technicians!

ENJOY YOUR DAY!

LUNCH:

Please stay with your advisor during lunch and clean up after yourself!

QUIET PLEASE!

Do not visit in the common area while students are in session!

CELL PHONES:

Students and Advisors!! Cell phones must be turned OFF during your T4 day. (This also means NO TEXTING please ~ please be respectful!)

NEED HELP OR HAVE AN EMERGENCY?

Contact your advisor, teacher, or chaperone!

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T4 THANK YOU's



**NORTH DAKOTA
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COUNCIL**



The North Dakota Petroleum Foundation's mission is to provide and support education and outreach opportunities related to the petroleum industry, develop and advance quality of life initiatives, and promote and enhance the conservation heritage of North Dakota.

The Foundation, a 501(c)(3) nonprofit, was founded by the North Dakota Petroleum Council in 2018 to support our state and the communities in which we operate. Through outreach programs, scholarships and education opportunities, and environmental stewardship programs, we strive to help our neighbors make our communities better places to live, work, and raise a family.

The oil and natural gas industry is an economic powerhouse for the state, contributing more than \$40.2 billion to North Dakota's economy and supporting 1 in 5 North Dakota jobs. The industry also paid more than \$3.8 billion in taxes—or 50 percent of all state tax revenues—collected by the state in 2020. These tax revenues are directed toward funds used to fund specific priorities including schools, roads and infrastructure, the North Dakota Legacy Fund, property tax relief, wildlife and natural resources, and more.

The Lignite Energy Council is a regional trade association representing all lignite energy producers, utilities and businesses in the Upper Midwest that provide electricity, synthetic natural gas, fertilizers and other goods and services, and who account for \$5.7 billion in gross business volume per year.

Approximately 2 million customers are served by lignite industry with affordable and reliable power from North Dakota's seven lignite-based power plants.

North Dakota is also one of only 14 clean air states, thanks in part to \$2 billion invested in environmental stewardship technologies.

Also, more than 22,000 acres of mined land have been reclaimed and bond released in North Dakota, producing as good or better than prior to mining.



A Special Thank You To:

- Kevin Stankiewicz, Bismarck State College
- Alicia Uhde, Bismarck State College
- Lyle Krueger, CRCTC
- Bismarck State College Staff & Volunteers
- Bismarck Public Schools Career Academy & Technical Center Staff

T4 Guests

Collaborating Partners
 Session Sponsors and Facilitators
 Participating Schools Administration, Students, Advisors, Chaperones, Parents, Families and Friends of our Students
 Bus Drivers
 Community Leaders
 Volunteers

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