



T⁴ Tools Trades Torque Tech

**TOMORROW'S
INNOVATIVE
WORKFORCE IS IN
OUR SCHOOLS TODAY!**



BOWMAN COUNTY FAIRGROUNDS BOWMAN, ND

SEPTEMBER 22, 2021 ~ GRADES 10-12

SEPTEMBER 23, 2021 ~ GRADES 7-9

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

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**Organizing
Sponsors:**



**NORTH DAKOTA
PETROLEUM
FOUNDATION**



Lignite
Energy Council



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WHAT IS T4?

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.

BOWMAN COUNTY PUBLIC SCHOOL MISSION STATEMENT

Empowering Individuals to Succeed in a Changing World



Bowman County
School District #1

As educators and administrators, we know that knowledge and exposure empower students to connect school to a future of their own design, one in which they will be successful and fulfilled. With this idea in mind, we contacted the director of T4, Mr. Kent Ellis, with a request for this program to be brought to our own Bowman County.

On behalf of Bowman County Public School, we welcome you to T4. Take advantage of the expertise of the presenters, immerse yourself in the learning opportunities, and allow yourself to be inspired to design your future.

Tyler Senn, 7-12 Principal
Pam Fisher, 7-12 Counselor
Bowman County Public School



BOWMAN COUNTY DEVELOPMENT CORPORATION MISSION STATEMENT

Strengthen Bowman County by encouraging and implementing innovative strategies to workforce, tourism, business, and quality of life.

Bowman County Development Corporation continues to support a mission of encouraging innovation to our changing workforce needs. The growth and stability of our economy is dependent on training and retaining a future workforce. Building and cultivating connections early on and allowing for exploration of careers available right here in our region is a crucial first step. These students are the future, and a strong economy begins with a strong, educated workforce.

We are so excited to host students from all over our region and give them a chance to meet with industry leaders and find new passions. Allowing them to explore hands-on learning and open doors to new possibilities for a future career is an amazing opportunity. We know that creating a positive relationship between our students and businesses is an important way to build our future workforce.

Teran Doerr, Executive Director
701-523-5880 ~ teran@bowmand.com

Kent Ellis, Director
701-426-4891 (mobile)
Bismarck, ND 58501
Kent_ellis@bismarckschools.org

Marilyn Kipp, Coordinator
701-226-2273 (mobile)
Mandan, ND 58554
NDT4T-mkipp@midco.net

T4 TOOLS TRADES TORQUE TECH PROGRAM CONTACTS:

www.T4NDSummit.org

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SCHEDULE FOR THE DAY

SEPTEMBER 22, 2021 ~ GRADES 10-12

SEPTEMBER 23, 2021 ~ GRADES 7-9

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

Bowman County Fairgrounds

9:00 a.m. – 2:30 p.m. *(Please follow the schedule provided to you by your advisor!)*

9:00 a.m. – 9:10 a.m.	Pre-Opening/General Session Arrival Location: Grand Stand
9:10 a.m. – 9:50 a.m.	<p>Opening/General Session Master of Ceremonies: Alison Hoff, Senior, Bowman High School</p> <p>Welcoming Remarks: Wayne Heckaman, Superintendent - Bowman County Public School</p> <p>General Session Speakers “What Do You Want to Be?” Teran Doerr, Executive Director Bowman County Development Corporation</p> <p>“What is T4? Why am I Here?” Kent Ellis, T4 Director</p> <p>“Let’s Begin Our Day!” Pam Fisher, Counselor – Bowman County Public School</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.	Everyone – Picnic Lunch (Please follow your advisor!)
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!)



Master of Ceremonies – Alison Hoff

Alison is a senior at Bowman County High School. She is very active in school, participating as a three-sport athlete in volleyball, basketball, and track and field. This year she serves as president of the Bowman County High School student council. Alison is also active in FCCLA, band and choir, National Honor Society, and the school's Students for Positive Change organization. She is also part of the "Best Friends" mentoring program. In the summer, Alison works as a lifeguard for Bowman Parks and Rec and as a cashier at ProPoint Cooperative. Next year Alison plans to attend the University of Mary, majoring in Accounting and Business Management.

General Session Guest Speaker – Teran Doerr

Born and raised in a small town in South Dakota, Teran has a heart for rural. She completed her Bachelor's in Business Administration at the University of Mary and is raising three children with her husband in Bowman, ND. She's passionate about her family, faith, work, community, and goals.

Teran is the Executive Director of the Bowman County Development Corporation, serves as Vice President of the Economic Development Association of North Dakota, and is Chair of the North Dakota Rural Development Council.





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www.T4NDSummit.org

MAPS & SESSIONS

SESSION LEGEND (SESSIONS LISTED ON PAGE 6):

A-H: BUILDING #2 - FOUR SEASONS PAVILLION

I: BUILDING #5 - CONCESSION BUILDING

***Follow the signs to the Ambulance Bay for Session K!**

ENJOY YOUR DAY!

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

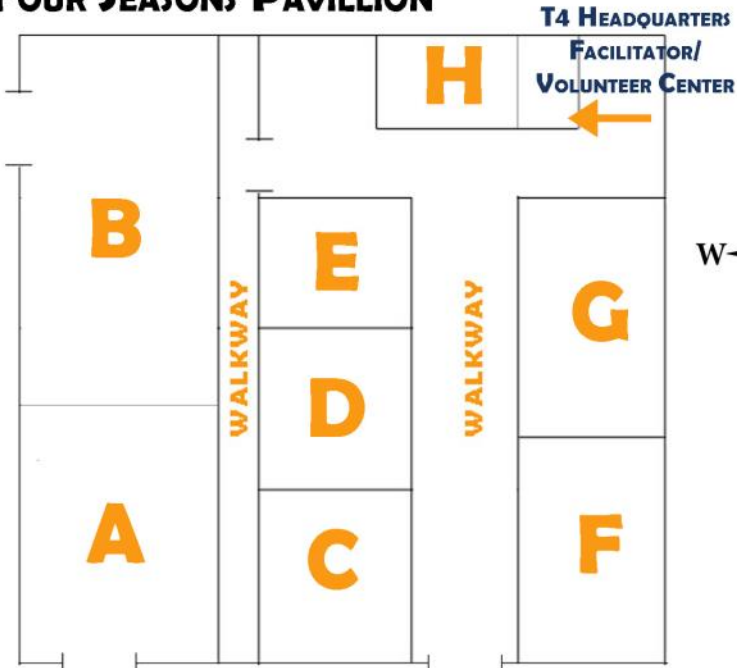
Remember to thank your session facilitators, advisors, chaperones, and other volunteers that help you throughout the day!

Take good care of your possessions! T4, Bowman County Fairgrounds and Bowman County Public Schools CANNOT be held responsible for lost or stolen items.

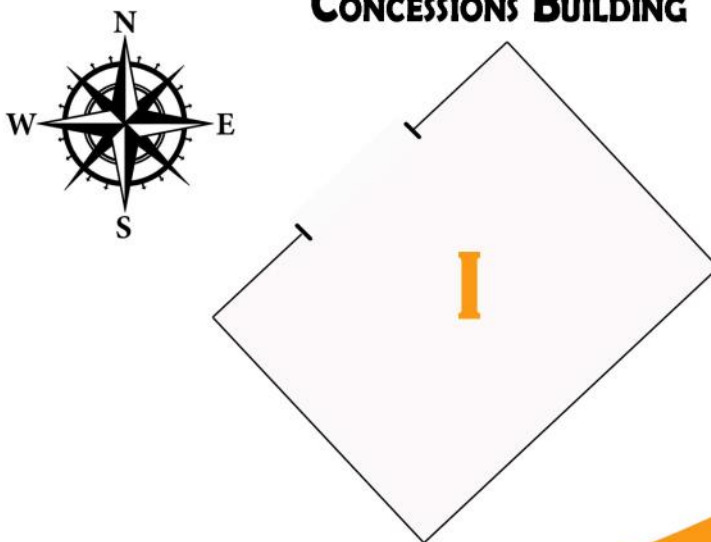


Bowman County Fairgrounds
12 Highway 12 West, Bowman, ND

BUILDING #2 - FOUR SEASONS PAVILLION



BUILDING #5 - CONCESSIONS BUILDING



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MAPS & SESSIONS

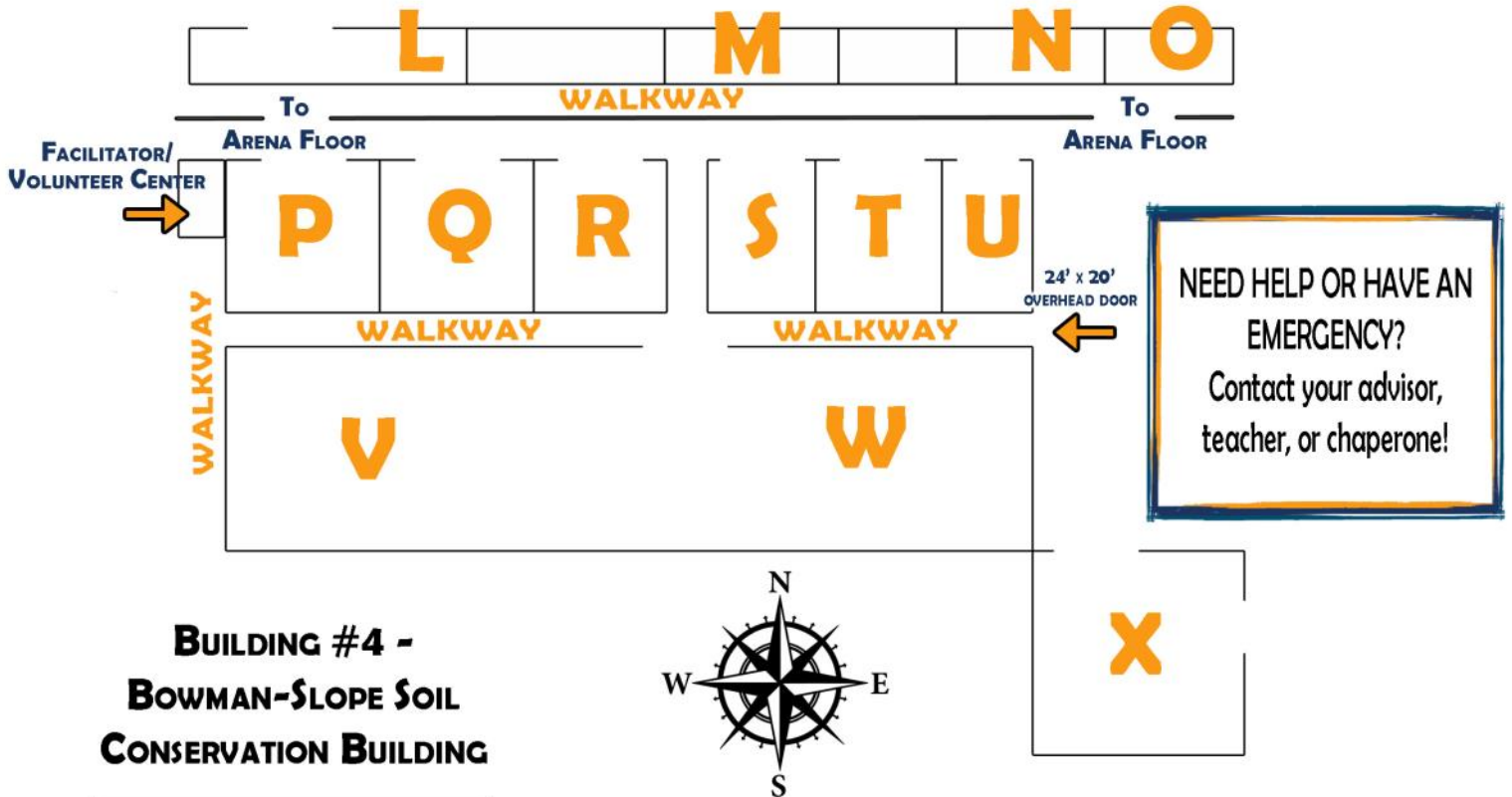
SESSION LEGEND (SESSIONS LISTED ON PAGE 6):

J: BUILDING #4 - BOWMAN-SLOPE SOIL CONSERVATION BUILDING

K: FOLLOW THE SIGNS TO THE AMBULANCE BAY!

L-X: BUILDING #3 - ALL SEASONS INDOOR ARENA

BUILDING #3 - ALL SEASONS INDOOR ARENA



NEED HELP OR HAVE AN EMERGENCY?
Contact your advisor, teacher, or chaperone!

**BUILDING #4 -
BOWMAN-SLOPE SOIL
CONSERVATION BUILDING**



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: Cell phones must be turned OFF when entering a session, and during the opening session. (This also means NO TEXTING please!)

Organizing Sponsors:



T4 SESSION LIST

<p>Session A: Surveying with Robotics, GPS and Drone Brosz Engineering, Inc. Facilitators: Billy Doerr, Bryan Knopp, Michael Buzalsky, Levi Sparks www.broszengineering.com</p>	<p>Session I: ROPES North Dakota Army National Guard Facilitators: SFC Brady J. Lyson, MSG Daniel Upgren www.ndarmyguard.com</p>	<p>Session Q: Power Plant Puzzle North Dakota Lignite Council Facilitator: Daryl Hill www.lignite.com</p>
<p>Session B: Electrical Construction Careers I.B.E.W. Facilitators: Tony Webb, Clay Nagel www.Local714.com</p>	<p>Session J: The World of Aviation is Changing Facilitators: TBA North Dakota Aeronautics Commission/ Central Regional Area Career and Technical Center www.aero.nd.gov www.cractc.org</p>	<p>Session R: What is Agronomy? What Do We Do? Scranton Equity Exchange – Agronomy Department Facilitator: James Ensign www.scrantonequity.org</p>
<p>Session C: Aerial Lift Simulation Finishing Trades Institute of the Upper Midwest Facilitators: Thomas Aasheim, John Burcaw www.ftium.edu</p>	<p>Session K: Your Ambulance, What is in your Ambulance and How Does it all Work? Southwest Healthcare Services Facilitators: Jason Anderson www.swhealthcare.net</p>	<p>Session S: North Dakota Highway Patrol – On Call! Facilitator: Craig Tuhy; Denver Oase www.nd.gov</p>
<p>Session D: Hands on Dental Assisting North Dakota Dental Foundation Facilitators: Michael Little, Kelsey Beyer www.nddental.org</p>	<p>Session L: Mechanics 101: Fixing Common Problems with Equipment Gooseneck, Inc. Facilitators: Troy Hoff, Don Faul www.gooseneckimp.com</p>	<p>Session T: Welding 101: Hands on Training on How to Weld Gooseneck, Inc. and Randy's Welding, Inc. Facilitators: Jenna Ridl, Brad Hlebuckek, Adam Kordovsky www.gooseneckimp.com www.randyswelding.com</p>
<p>Session E: Hands-on Activities used in precision agriculture and animal production Bismarck State College, North Dakota's Polytechnic Institute Facilitators: Marko Davinic, Charlotte Heim, Keven Stankiewicz www.bismarckstate.edu</p>	<p>Session M: Dream It, Do It SW ND Manufacturer's Group Facilitator: Erick Kittelson https://www.facebook.com/DreamItDoitSWND</p>	<p>Session U: Science Fiction or Today's Farming Gooseneck, Inc. Facilitators: Charlie Bostyan, Chris Jenkins, Sam Spradley, Chad Evans www.gooseneckimp.com</p>
<p>Session F: Electrical Circuit Assembly, Power Generation, Process Plant Theory Bismarck State College, North Dakota's Polytechnic Institute Facilitators: Todd Seibel, Vance Vesey www.bismarckstate.edu</p>	<p>Session N: Tik Tok, Newspapers, Texting: How to Market to Today's Consumers Gooseneck, Inc. Facilitators: Heather Drader, Kinsey Schepp www.gooseneckimp.com</p>	<p>Session V: From Intern to Full Time: How to Land a Job in the Ag Industry Gooseneck, Inc. Facilitators: Kordell Kraft, Shaun Bonomo, Bryan Tachenko, Stewart Opland, Bob Schaff www.gooseneck.com</p>
<p>Session G: Let's dig up millions of tons of soil! Lignite Energy Council Facilitator: Doug Stoltz www.lignite.com</p>	<p>Session O: Show Me What's Up: Using data from the field to make decisions in the office Gooseneck, Inc. Facilitator: Hillary Duchsherer www.gooseneckimp.com</p>	<p>Session W: Be Smart! North Dakota Department of Transportation Facilitators: Wade Szudera, Jason Fisher, Aaron Auer, Denise Osmond, Tad Lewton www.dot.nd.gov</p>
<p>Session H: Wizard Electronics North Dakota Petroleum Foundation Facilitator: Joel Gustafson www.ndpetroleumfoundation.org</p>	<p>Session P: Career in Law Enforcement Bowman Police Department Facilitator: Charles R. Headley https://www.facebook.com/bowmanpolice</p>	<p>Session X: The Welding Industry Lynnes Welding Training Facilitator: Mike Morris, Dominic Bohn www.LearnToweld.com</p>

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T4 THANK YOU'S



**NORTH DAKOTA
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COUNCIL**

www.ndpetroleumfoundation.org



**Lignite
Energy Council**

www.lignite.com

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 Foundation is supported by revenues from the Williston Basin Petroleum Conference, as well as donations from the North Dakota Petroleum Council, the Foundation's Board of Directors, industry companies and employees, grants from the Oil and Gas Research Council and Outdoor Heritage Fund and others.

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.

Bowman Planning Committee

Bowman County Public Schools
Tyler J. Senn, Principal
Pam Fisher, Counselor

Bowman County Development Corporation
Teran Doerr, Executive Director

Gooseneck, Inc.
Alicia Hess, Jenna Ridl

Southwest Healthcare Services
Allison Anderson

Brosz Engineering
Amber Anderson

Bowman-Slope Soil Conservation District
Camie Janikowski

Bowman County Fair Association
Board of Directors

T4 Guests

Participating Schools Administration, Students, Advisors, Chaperones, Parents, Families and Friends of our Students

Bus Drivers

Community Leaders

Volunteers

Opening Session Speakers

Session Sponsors and Facilitators

Collaborating Partners

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Bowman County Public Schools
Ag Departments and Staff

Bowman County Public Schools
Yearbook Students and Staff

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