

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



**T<sup>4</sup> Tools Trades Torque Tech**

## **ROUGH RIDER CENTER & WATFORD CITY HIGH SCHOOL AUDITORIUM**

2209 Wolves Den Parkway, Watford City, ND

**APRIL 19, 2023 ~ GRADES 6-8**

**APRIL 20, 2023 ~ GRADES 9-12**

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

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[www.T4NDSummit.org](http://www.T4NDSummit.org)

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# WHAT IS T4?

[www.T4NDSummit.org](http://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.

Kent Ellis, Director  
701-426-4891 (mobile)

[Kent\\_ellis@bismarckschools.org](mailto:Kent_ellis@bismarckschools.org)

Marilyn Kipp, Coordinator  
701-226-2273 (mobile)

[NDT4T-mkipp@midco.net](mailto:NDT4T-mkipp@midco.net)

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## McKenzie County School District #1

Empower every student to succeed today and into the future

## BAKKEN AREA SKILLS CENTER

**Mission:** Increase career and technical education and training opportunities for high school students and incumbent workers throughout the Bakken region.

**Vision:** Provide in-demand training opportunities that are responsive to the needs of our region's workforce through collaborative partnerships with secondary education, post-secondary education/training, and local employers.



The Bakken Area Skills Center is currently under construction and is scheduled to be completed in January, 2024. The BASC is a regional Career and Technical Center encompassing 12 school districts in northwest North Dakota and will include the Corp of Discovery High Tech consortium with member school districts in the southwest and central regions of North Dakota as well. The BASC facility will be approximately 40,000 square feet and will include areas designed to address the following areas; health careers, building trades, welding, automotive and diesel mechanics, and automation. The facility will also provide exterior areas of which to promote hands-on experiences relating to agriculture, energy development, building trades, and other possible uses as needed. The BASC is seeking to collaborate with post-secondary institutions in our region, TrainND, and several industry partners to offer various levels of certifications of which can be stackable and provide students of varying ages opportunities for workforce skill development and continued education. The BASC will promote the learning continuum and apprenticeship programs to embrace new models of flexibility and provide work-related opportunities to ensure students are prepared for the workforce options available to them in our region and state. The Bakken Area Skills Center is designed to meet the various education and workforce training needs of our communities, through workforce development coordination and using tools such as Golden Path Solutions, to ensure economic growth and stability through diversification and ensuring our youth have ample opportunities to remain in our communities and to be successful with alignment to the employment opportunities in our region. The BASC will bring CTE programs to another level in our region with greater connection to workforce and provide the flexibility to meet current and future employment needs.

Information related to the Bakken Area Skills Center can be found on the McKenzie County Public School District #1 website at [www.watford-city.k12.nd.us](http://www.watford-city.k12.nd.us)

Please reach out to Superintendent Steve Holen regarding options to be part of this opportunity.

701-444-3626

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# SCHEDULE FOR THE DAY

**APRIL 19, 2023 ~ GRADES 6-8**

**APRIL 20, 2023 ~ GRADES 9-12**

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

Watford City High School Auditorium

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.	<b>Pre-Opening Arrival</b>
9:10 a.m. – 9:50 a.m.	<p><b>Opening General Session</b> Master of Ceremonies: Allyson Cross, Watford City High School Senior</p> <p><b>Welcoming Remarks:</b> Dr. Steve Holen, Superintendent – McKenzie County School District and Board of Directors – North Dakota Career and Technical Education</p> <p><b>General Session Presentation: Opportunity Knocks!</b> Pat Bertagnolli, Executive Director ~ Job Service North Dakota</p> <p><b>What is T4? Why am I Here?</b> Kent Ellis – T4 Director</p> <p><b>Let's Begin Our Day!</b> Jim Green, Watford City Public Schools, High School Principal</p>
10:00 a.m. – 10:40 a.m.	<b>All Students: Attend Session 1 (Follow your advisor!)</b>
10:50 a.m. – 11:30 a.m.	<b>All Students: Attend Session 2 (Follow your advisor!)</b>
11:30 a.m. – 12:15 p.m.	<b>Lunch! Enjoy your lunch in the Rough Rider Center</b> (Follow your advisor and PLEASE pick up after yourselves!)
12:30 p.m. – 1:10 p.m.	<b>All Students: Attend Session 3 (Follow your advisor!)</b>
1:20 p.m. – 2:00 p.m.	<b>All Students: Attend Session 4 (Follow your advisor!)</b>
2:00 p.m.	<b>Depart – Thanks for attending! Safe Travels!</b>



## Master of Ceremonies – Allyson Cross

**Allyson Cross** is a senior at Watford City High School. She is currently the Student Council President. She is also involved in softball and coaching 14U Volleyball. Ally works at McKenzie Health as a CNA.

## 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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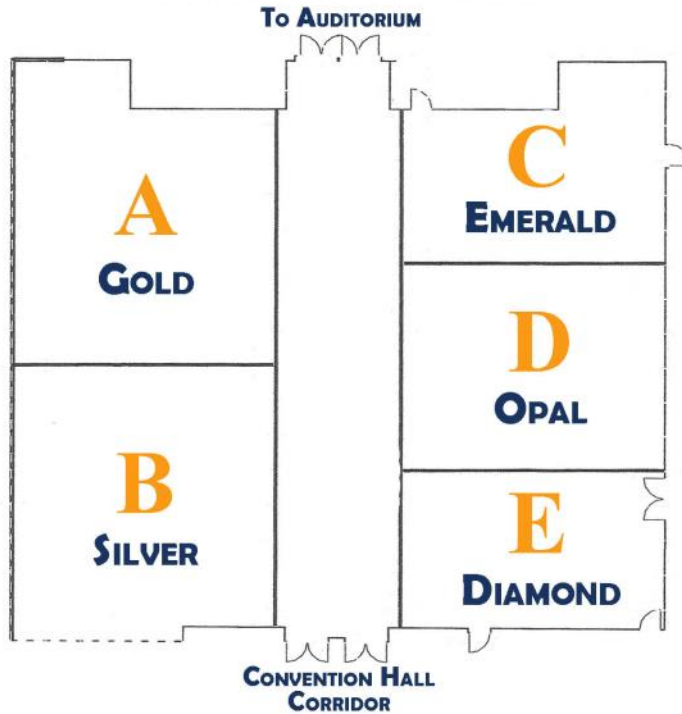
# MAPS & SESSIONS

## SESSION LEGEND (SESSIONS LISTED ON PAGE 6):

A-E: CONVENTION HALL

F-Q: ARENA

### CONVENTION HALL



### ARENA

K	Q
J	P
I	O
H	N
G	M
F	L

T4 HEADQUARTERS  
FACILITATOR/VOLUNTEER/  
STUDENT CENTER

### 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, Rough Rider Center and Watford City Public Schools CANNOT be held responsible for lost or stolen items.

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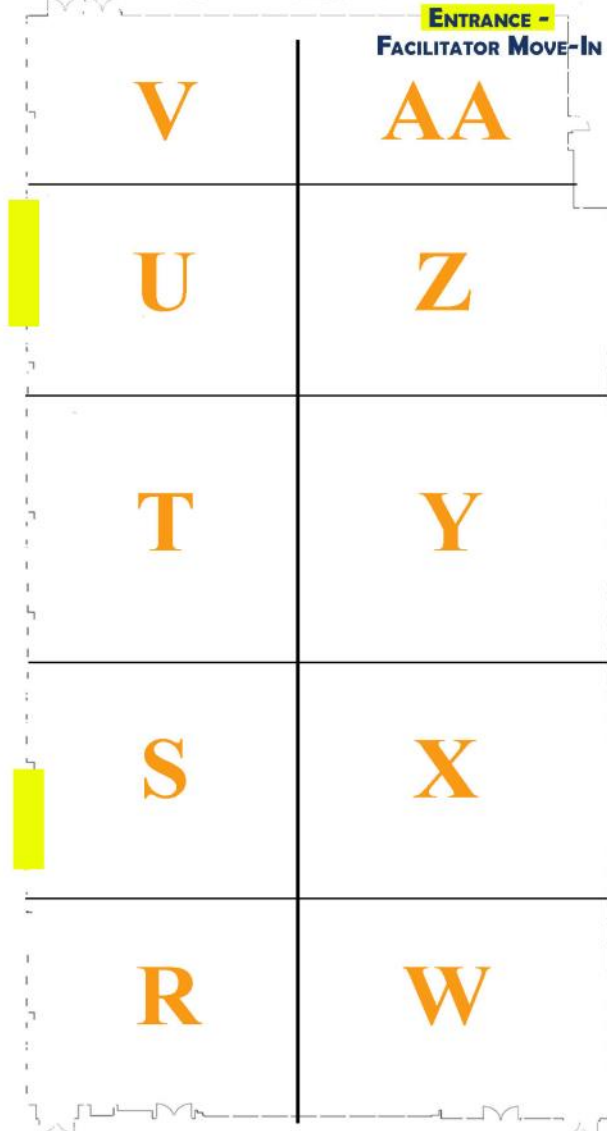
# MAPS & SESSIONS

**SESSION LEGEND (SESSIONS LISTED ON PAGE 6):**

**R-AA: FIELD HOUSE**

**BB & CC - WATFORD CITY HIGH SCHOOL AUDITORIUM**

## FIELD HOUSE MAP



## BB & CC

IN WATFORD CITY HIGH SCHOOL AUDITORIUM

## T4 - WATFORD CITY 2023 PARTICIPATING SCHOOLS

As of 4/6/23

- Alexander Public School
- Eight Mile School - Trenton
- Grenora Public Schools
- Powers Lake High School
- Ray High School
- Watford City High School
- Home School Students
- Missouri Ridge School- Williston
- Watford City Middle School
- Yellowstone - East Fairview
- ASB Innovation Academy - Williston

*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 SESSION LIST

## Session A:

**Wizard Electronics**  
Facilitator: Joel Gustafson  
Bismarck Public Schools  
[www.bismarckschools.org](http://www.bismarckschools.org)

## Session B:

**Breadboard Circuits**  
Facilitators: Tyler Ward, Ben Nelson  
NDIT - Edu Tech  
[www.edutech.nodak.edu](http://www.edutech.nodak.edu)

## Session C:

**Engineer Apparatus**  
Facilitator: Jason Knudson  
Butler Machinery  
[www.butlermachinery.com](http://www.butlermachinery.com)

## Session D:

**Emergencies Happen – Are You Ready?**  
Facilitators: Karolin Jappe, Members of the  
Emergency Management Team  
McKenzie County Emergency Management  
<https://mckenziecounty.net.department/Emergency>

## Session E:

**Bakken Skills Center**  
Facilitators: Shari Elgin and Staff  
Construction Engineers, Inc.  
[www.constructionengineers.com](http://www.constructionengineers.com)

## Session F:

**T4 Headquarters, Volunteer  
Facilitator/Student Center  
Lunch Storage**  
[www.t4ndsummit.org](http://www.t4ndsummit.org)

## Session G:

**Your Roads**  
Facilitators: Megan Isenhower, Rob DiCinno,  
Rich Sigvaldsen  
North Dakota Department of Transportation  
[www.dot.nd.gov](http://www.dot.nd.gov)

## Session H:

**HVAC Industry and Tools of the Trade**  
Facilitator: Nick Murphy  
SMART Local #10  
[www.smw10.org](http://www.smw10.org)

## Session I:

**Electrical Construction**  
Facilitators: Clay Nagel, Adam Kidwell  
IBEW Local 714  
[www.dakotasjatc.org](http://www.dakotasjatc.org)

## Session J:

**Welding**  
Facilitators: Dave Lynnes, Mike Morris, Kendra Rohr  
Lynnes Welding Training  
[www.learn2oweld.com](http://www.learn2oweld.com)

## Session K:

**What are Pump Skids? What We Do!**  
Facilitators: Allan Stagl, Steve Messer, Sydney  
Schofill, Darrell Lockett  
ONEOK Rockies Midstream  
[www.oneok.com](http://www.oneok.com)

## Session L:

**Safety in the Workplace**  
Facilitators: Stephanie Maher and Staff  
Workforce Safety & Insurance  
[www.workforcesafety.com](http://www.workforcesafety.com)

## Session M:

**Let's Dig Up Millions of Tons of Soil!**  
Facilitator: Doug Stoltz  
Lignite Energy Council  
<https://lignite.com>

## Session N:

**Automation/Electrical**  
Facilitators: Jerry Karsky, Kyle Merrill  
YES, LLC & ENETK, LLC  
[www.cjyes.com](http://www.cjyes.com)

## Session O:

**Welding in Construction**  
Facilitator: Todd Gefre  
North Central States Regional Council of Carpenters  
<https://northcountrycarpenter.org>

## Session P & Q:

**Communication, Careers, Leadership**  
Facilitators: First Sergeant Brady Lyson, Sergeant  
First Class Brook Yates, PFC Dante Domine,  
SPC Truman Hamburger  
North Dakota Army National Guard  
<https://ndarmyguard.com>

## Session R:

**How Fast Can You Change a Tire?**  
Facilitators: Dan Stadick; Bob Stieg  
Hillary Duchsherer  
Gooseneck Implement  
[www.gooseneckramp.com](http://www.gooseneckramp.com)

## Session S:

**Salt Water Disposal Operations**  
Facilitators: Mayra Williams, Robb Oringderff  
Goodnight Midstream  
[www.goodnightmidstream.com](http://www.goodnightmidstream.com)

## Session T:

**Power Plant Puzzle**  
Facilitator: Daryl Hill  
North Dakota Petroleum Foundation  
<http://ndpetroleumfoundation.org>  
<https://lignite.com>

## Session U:

**Broadband Industry, Communication Network**  
Facilitators: Vanessa Clemmenson, Shannon Stefslien  
RTC Networks  
[www.myrtcnetworks.com](http://www.myrtcnetworks.com)

## Session V:

**Pipeline Operations/Construction**  
Facilitators: Annette Sluder and Staff  
Mid-Con G & P MPLX  
<http://mplx.com>

## Session W:

**Electrical Line Workers – Tools of the Trade**  
Facilitators: Andrew Spratta, Line workers,  
Substation Technician, Engineering Staff  
McKenzie Electric Cooperative, Inc.  
[www.mckenzieelectric.com](http://www.mckenzieelectric.com)

## Session X:

**How a Pipeline Transports Product**  
Facilitator: Wendy Pank  
Enbridge  
[www.enbridge.com](http://www.enbridge.com)

## Session Y:

**Drones, Principles of Flight and Aviation  
Sectional Map**  
Facilitators: Daly Zachary, Russ Nelson  
Isight Drone Services  
[www.isightdrones.com](http://www.isightdrones.com)

## Session Z:

**Robotics – Skills for the Future**  
Facilitators: Cathy White, Tonya Vigil and Students  
Alexander Public School  
<https://www.Alexanderschoolnd.us>

## Session AA:

**Law Enforcement**  
Facilitator: Chelsey Schatz  
North Dakota Highway Patrol  
[www.ndphp.gov](http://www.ndphp.gov)

## Session BB:

**Back to Your Future**  
Facilitators: Kent Ellis, T4 Director, Dr. Steve Holen  
Community Leaders  
T4 Tools Trades Torque Tech,  
Bakken Area Skills Center  
[www.watford-city.k12.d.us](http://www.watford-city.k12.d.us)  
[www.t4ndsummit.org](http://www.t4ndsummit.org)

## Session CC:

**Be Work Ready**  
Facilitators: Phillip N. Davis and Staff  
Job Service North Dakota  
<https://www.jobsnd.com>



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# T4 THANK YOU's



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 \$42.58 billion to North Dakota's economy and supporting nearly 50,000 jobs. The industry also paid more than \$3.9 billion in taxes, royalties, permits and other fees. These 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.

[www.NDPetroleumFoundation.org](http://www.NDPetroleumFoundation.org)



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.

[www.Lignite.com](http://www.Lignite.com)



## Watford City Planning Committee

- Watford City Public Schools
  - Dr. Steve Holen, Superintendent
  - Dr. Noelle Green, Middle School Principal
  - Jim Green, High School Principal
  - IT Department
  - Faculty and Volunteers
- City of Watford City
- Rough Rider Center
- McKenzie County Economic Development, Daniel Stenberg

## T4 Guests

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

# SPONSORS & PARTNERS



## SPONSORS:



Chord Energy



ONEOK



ALLIANCE pipeline

A Joint Venture of Enbridge and Pembina



ND Oil & Gas Research Council

AUX SABLE



Leaving a Legacy



## COLLABORATING PARTNERS:



MCKENZIE COUNTY  
★ ECONOMIC DEVELOPMENT ★



MCKENZIE COUNTY  
SKILLS INITIATIVE



BAKKEN AREA  
SKILLS CENTER



NORTH Dakota | Job Service  
Be Legendary.™



## SESSION PARTNERS:



NORTH Dakota | Transportation  
Be Legendary.™



NORTH Dakota | Job Service  
Be Legendary.™



ISIGHT DRONE SERVICES



NORTH Dakota | EduTech  
Be Legendary.™ INFORMATION TECHNOLOGY

