

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



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



## NORTH DAKOTA ARMY NATIONAL GUARD - CAMP GRAFTON TRAINING CENTER

4417 HIGHWAY 20, DEVILS LAKE, ND

**JANUARY 22-23, 2025**

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

### TABLE OF CONTENTS:

Schedule for the Day & Featured Speakers.....	Page 2
Sessions & Maps.....	Pages 3-4
Thank You's.....	Page 5
T4 Information.....	Pages 6-7
Sponsors & Partners.....	Page 8

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

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NORTH DAKOTA  
**PETROLEUM  
FOUNDATION**



**Lignite**  
Energy Council

# SCHEDULE FOR THE DAY

## JANUARY 22-23, 2025

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

### North Dakota Army National Guard - Camp Grafton Training Center RTI Theatre and Armory Theatre

8:45 a.m. – 9:05 a.m.	<b>Pre-Opening/General Session Arrival</b> Location: RTI Theatre and Armory Theatre
9:10 a.m. – 9:45 a.m.	<b>Opening/General Session</b> <b>What is T4? Why am I Here?</b> Master of Ceremonies Kent Ellis, T4 Director  <b>Opening General Session Presentation:</b> "North Dakota Army National Guard" SSG Derek Elverud  <b>Let's Begin Our Day!</b> SGT Ty Fountain
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. – 12:20 p.m.	<b>Lunch – Follow your advisor!</b>
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>

### Opening General Session Presentation: North Dakota Army National Guard SSG Derek Elverud

SSG Elverud is from Devils Lake, North Dakota. He enlisted into the North Dakota National Guard on December 10, 2015, and completed Basic Training in the Summer of 2016.

Derek came back home to Devils Lake to finish his Senior Year of High School before leaving again for AIT which is Advanced Individual training, where he learned how to be a 12R (Interior Electrician). In 2018, he started working out at Camp Grafton with the 164th RTI where he was the Transportation NCOIC/Admin NCO until 2021. While he was with the RTI, he had the chance to learn new job skills. He has attended 12K (Plumbing), Common Faculty Development – Instructor Course, 12N (Horizontal Engineer), Technical Transportation of Hazardous Materials.

In 2022, he moved over to the North Dakota National Guard Training Center. He worked as their Admin NCO. He oversaw making sure that all 124 people in the unit had completed all Admin and Training tasks from month to month. During his time there he also Attended 12H30 (Construction Engineering Supervisor) and Basic Human Resources and Admin. Now SSG Elverud is working with the North Dakota National Guard as a Recruiter for the Devils Lake Area.





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# T4 ~ CAMP GRAFTON TRAINING CENTER, DEVILS LAKE, ND SESSION LIST

## RTI BUILDING - BUILDING 1500

### Session O:

#### Carpentry

Room 165

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session P:

#### Bridging

Room 165

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session S:

#### Plumbing

Room 163

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session Q:

#### Heavy Equipment

Room 165

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session R:

#### Electrical

Room 163

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

## DUO BUILDING - BUILDING 6400

### Session T:

#### Air Defense

Bay 1

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session U:

#### Civil Support

Bay 2

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session V:

#### Military Police

Bay 3

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

## CSMS BUILDING BUILDING 5800

### Session W:

#### Engine Maintenance

Bay 1

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

### Session X:

#### Quarter Master Maintenance

Bay 2

Facilitators: North Dakota Army National Guard

[www.ndguard.nd.gov](http://www.ndguard.nd.gov)

## BUILDING 2000

### Session Y:

#### Machining

Classroom A

Facilitator: Kent Ellis, T4 Director

### Session Z:

#### Wizard Electronics

Classroom B

Facilitator: Joel Gilbertson

Bismarck Public Schools

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

## BUILDING 2010

### Session AA:

#### Pipeline Construction

Classroom A

Facilitators: Jeff Schumacher, Joe Schumacher

North Dakota Petroleum Foundation

Lignite Energy Council

<http://ndpetroleumfoundation.org>

<http://lignite.com>

### Session BB:

#### Power Plant Puzzle

Classroom B

Facilitator: Daryl Hill

North Dakota Petroleum Foundation

Lignite Energy Council

<http://ndpetroleumfoundation.org>

<http://lignite.com>

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### RTI BUILDING

SESSIONS O, P, Q, R, S

OPENING GENERAL SESSION - RTI THEATRE

### DUO ARMORY BUILDING

SESSIONS T, U, V

OPENING GENERAL SESSION - ARMORY THEATRE



### CSMS BUILDING SESSIONS W, X





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THANK  
YOU!!

## **T4 - LAKE REGION STATE COLLEGE & NORTH DAKOTA ARMY NATIONAL GUARD, CAMP GRAFTON 2025 PARTICIPATING SCHOOLS**

As of 1-12-25

**DEVILS LAKE HIGH SCHOOL**

**DEVILS LAKE MIDDLE SCHOOL**

**NORTH STAR SCHOOL – CANDO**

**STARKWEATHER PUBLIC SCHOOL**

**MINNEWAUKEN PUBLIC SCHOOL**

**OBERON PUBLIC SCHOOL**

**LAKOTA PUBLIC SCHOOL**

**MIDKOTA PUBLIC SCHOOL – GLENFIELD**

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

## **THANK YOU T4 GUESTS!**

- Participating Schools Administration, Students, Advisors, Chaperones, Parents, Families and Friends of our Students
- Bus Drivers
- Community Leaders
- Volunteers
- General Session Speakers
- Session Sponsors and Facilitators
- Collaborating Partners
- T4 Sponsors and Organizing Sponsors.

## **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!

## **T4 - DEVILS LAKE PLANNING COMMITTEE**

- North Dakota Army National Guard
- Daniel L. Upgren MSG USARMY NG NDARNG
- Justin J Gall MAJ USARMY NG NDARNG
- Lexi Kleespies 2LT USARMY NG NDARNG
- Camp Grafton Staff
- Lake Region State College Staff
- Casey Zehrer
- Richard Gadbery
- Lake Region Royal Ambassadors
- Ann Pollert, Devils Lake Area Chamber of Commerce
- Ryan Hanson, Principal, Devils Lake High School
- Mike L. Dunn, Construction Engineers, Inc.

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# STAND OUT



# FROM THE CROWD .

## LEADERSHIP FOR A PURPOSE .

The North Dakota Army National is a dynamic organization comprised of leaders of every walk of life. We innovate to stand ready to defend everything we cherish. Part-time service in the North Dakota Army National Guard is an amazing way to accelerate your civilian career. Gain valuable experience as a leader, and make lifelong connections with fellow Soldiers with similar passions to you.





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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)

## THANK YOU TO OUR ORGANIZING SPONSORS!



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, and advocate for the industry and its communities to ensure their voice is heard and respected.

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.



The Lignite Energy Council is a regional trade association representing the lignite coal and energy producers and businesses that support the industry in the Upper Midwest that provide electricity, synthetic natural gas, fertilizers, and other goods and services.

The industry accounts for \$5.75 billion in gross economic impact for the state, \$1.04 million in local and state tax contributions, and more than 12,000 direct and indirect jobs.

Approximately 2 million customers in the region are served by the lignite industry's affordable and reliable power from North Dakota's six lignite-fired power plants.

North Dakota gets it right when it comes to protecting and maintaining air quality, after all, we are one of only four of the lower 48 states that have never violated federal standards that protect human health and the environment, thanks in part to the \$2 billion industry has 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.

# SPONSORS & PARTNERS



## SPONSORS:



Chord Energy



AUX SABLE



North Dakota  
oil & gas research program



## COLLABORATING PARTNERS:



## SESSION PARTNERS:



ENGINEERING, REIMAGINED

