



T⁴ Tools Trades Torque Tech

BISMARCK STATE COLLEGE



GRADES 6-8 ~ WEDNESDAY, FEBRUARY 25, 2026
GRADES 9-12 ~ THURSDAY, FEBRUARY 26, 2026

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

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SCHEDULE FOR THE DAY ~ FEBRUARY 25-26, 2026

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

Bismarck State College

8:30 a.m. – 9:00 a.m.	Pre-Opening Arrival
9:10 a.m. – 9:50 a.m.	Opening General Session – Advanced Technology Center (ATC) Welcoming Remarks: Alicia Uhde ~ BSC Interim VP of Academic Affairs General Session Guest Speakers: Aligning Community, Schools, and Industry Pat Bertagnolli, Executive Director ~ Job Service North Dakota What is T4? Why am I Here? Shawn Brink ~ State Energy Education Coordinator Let's Begin Our Day! Karen Erickson ~ BSC Dean of Enrollment Management

Follow your Schedule!

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!)
11:40 a.m. – 12:10 p.m.	LUNCH - All Students Enjoy your Lunch – Follow your Schedule! Lunches will be held at ATC and Career Academy <i>Thank you to Chevron for sponsoring lunch!</i>
12:20 p.m. – 1:00 p.m.	All Students Attend Session 3 (Follow your advisor!)
1:10 p.m. – 1:50 p.m.	All Students Attend Session 4 (Follow your advisor!)
2:00 p.m.	Depart – Thanks for attending! Safe Travels!

General Session Presentation:

Aligning Community, Schools, and Industry

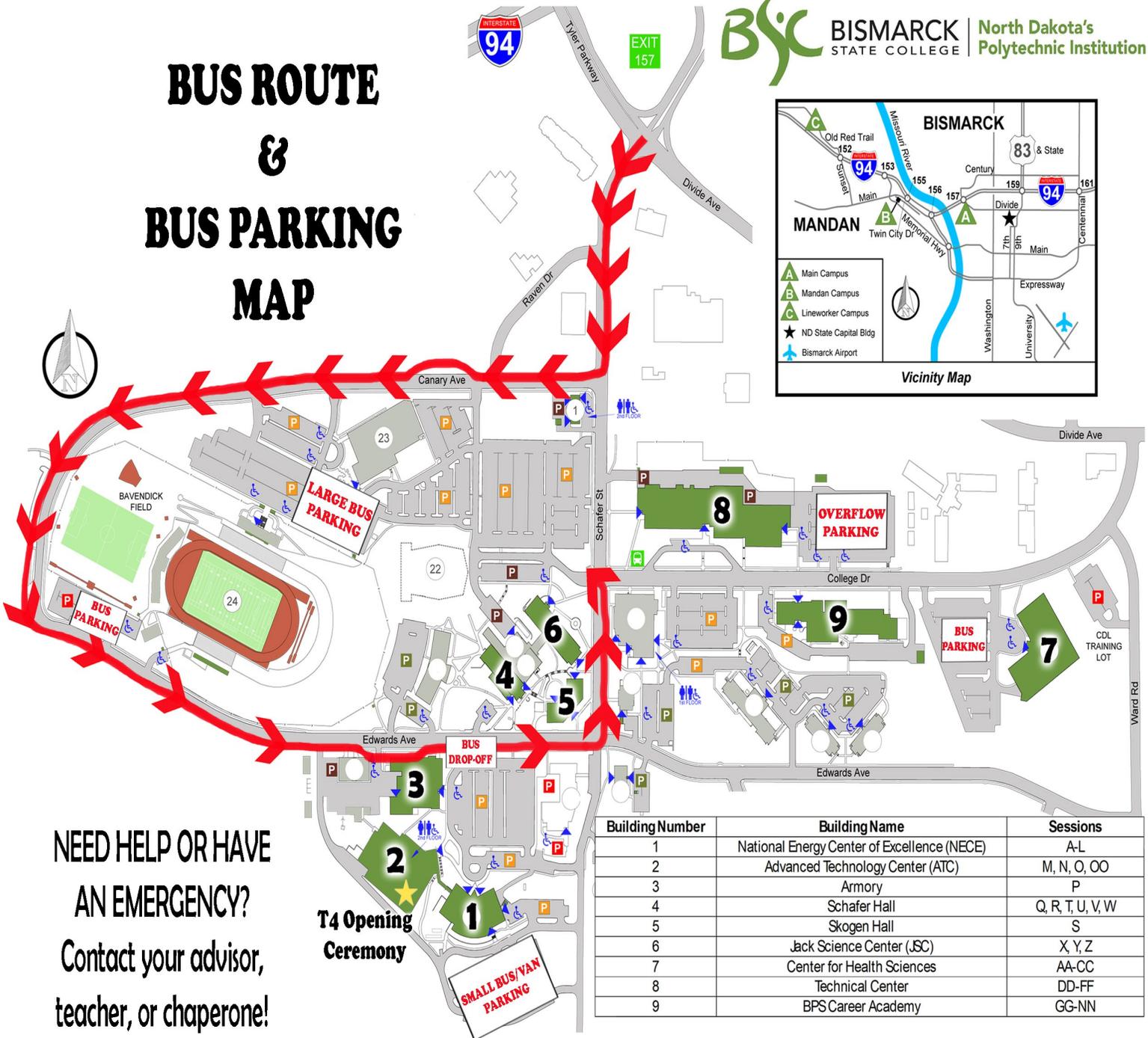
Pat Bertagnolli, Executive Director ~ Job Service North Dakota

Pat Bertagnolli serves as the Executive Director of Job Service North Dakota and is a member of the Governor's Cabinet, bringing extensive leadership experience to the role. He holds a B.A. in Business from Carroll College in Helena, Montana. Pat's career spans diverse leadership positions, including multistate operations management, workforce planning, and employee relations for a Fortune 100 company. Recruited to North Dakota in 2011, he spent nine years serving Western North Dakota in the oil and gas industry, recruiting talent from across the nation. Before joining Job Service, Pat was a Community Enhancement Director for Watford City, ND, leading efforts to engage the community, build industry partnerships, promote student ambassador programs, and spearhead strategic initiatives showcasing the benefits of living and working in North Dakota. A dedicated advocate for workforce development, Pat has served on the North Dakota Workforce Development Council for over 10 years and is a member of the State Board for Career and Technical Education.



T4 ~ BISMARCK STATE COLLEGE CAMPUS MAP

BUS ROUTE & BUS PARKING MAP



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

Building Number	Building Name	Sessions
1	National Energy Center of Excellence (NECE)	A-L
2	Advanced Technology Center (ATC)	M, N, O, OO
3	Armory	P
4	Schafer Hall	Q, R, T, U, V, W
5	Skogen Hall	S
6	Jack Science Center (JSC)	X, Y, Z
7	Center for Health Sciences	AA-CC
8	Technical Center	DD-FF
9	BPS Career Academy	GG-NN

SESSIONS A,B,C,E, G-L: NATIONAL ENERGY CENTER OF EXCELLENCE (NECE) BUILDING

SESSION A:

NECE - ROOM 415

Hydraulic Crusher

Facilitator(s): Jason Knudson -
Work Force Development Specialist
General Equipment & Supplies
jknudson@genequip.com

SESSION E:

NECE - ROOM 431

Geospatial Technologies: Clear for Take Off

Facilitator(s): Mark Steele, Pam Krueger
BSC
<https://bismarckstate.edu/>

SESSION I:

NECE - ROOM 432

Site to Screen: Augmented Reality in Civil Engineering

Facilitator(s): Jennifer Malloy
Apex/BSC
jennifer.malloy@apexenggroup.com
<https://bismarckstate.edu/>

SESSION B:

NECE - ROOM 403

Washing Water

Facilitator(s): Elizabeth Heinz -
Apprenticeship Program Coordinator
ND Rural Water Systems/BSC
eheinz@ndrw.org

SESSION G:

NECE - ROOM 204

RoboReality Lab

Facilitator(s): Shannon Coulter, Bruce Klootwyk,
Loretta Benedict, Adrianna Aguayo,
Cole Edwardson
BSC
<https://bismarckstate.edu/>

SESSION J:

NECE - ROOM 253

Industrial Operations in a Virtual Environment

Facilitator(s): Greg Lugar, Hamza Raheel
BSC
<https://bismarckstate.edu/>

SESSION C:

NECE - ROOM 119

Diesel Mechanic Activity

Facilitator(s): Riley Flom -
Workforce Development Specialist
Butler Machinery
rileyflom@buttermachinery.com

SESSION H:

NECE - ROOM 119

Shift Gears: CDL Basics

Facilitator(s): Brian Ellersick, Ralph Vander
Vorste, Kevin Holmstrom
BSC
<https://bismarckstate.edu/>

SESSION K:

NECE - ROOM 443

Energy Elevated

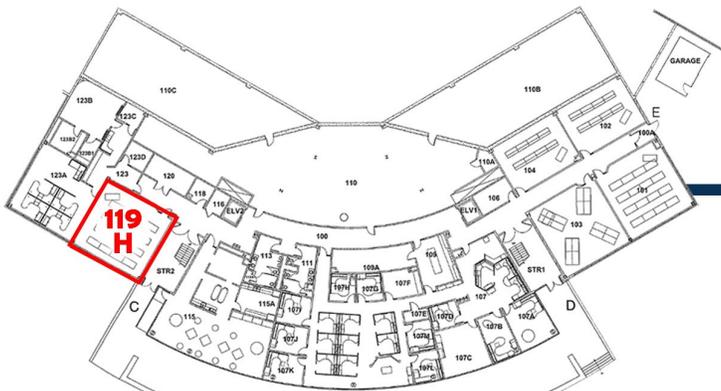
Facilitator(s): Ellete and Jacob
BSC
<https://bismarckstate.edu/>

SESSION L:

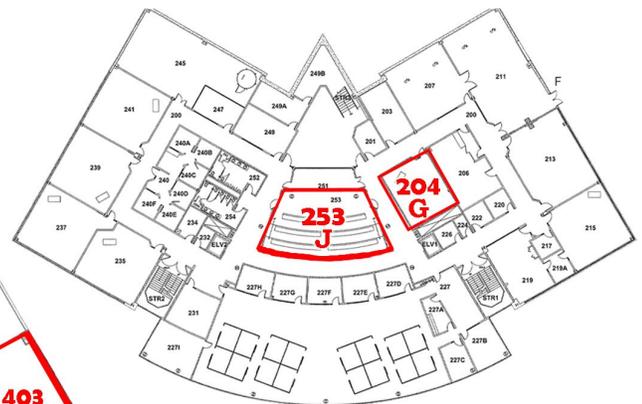
NECE - ROOM 436

Brains Behind the Building

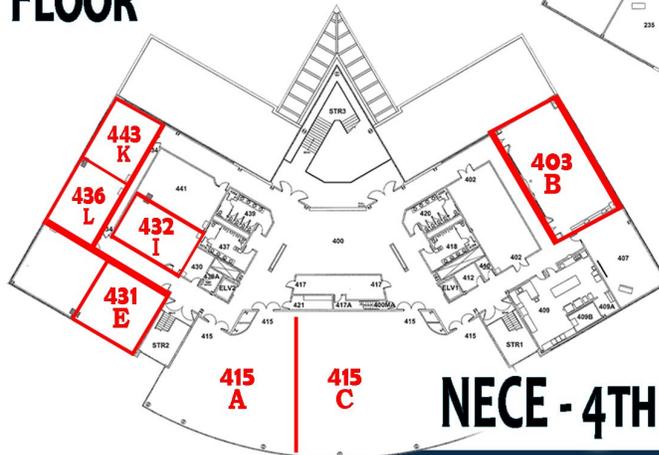
Facilitator(s): Schneider Brothers Electric,
Energy Tech Systems
BSC
<https://bismarckstate.edu/>



NECE - 1ST FLOOR



NECE - 2ND FLOOR



NECE - 4TH FLOOR

Organizing Sponsors:



SESSIONS D, F, M, N, O, OO - ADVANCED TECHNOLOGY CENTER

SESSION D:

Advanced Tech Center (ATC) – ROOM 228

Simulators

Facilitator(s): Cole Uecker -
Business Representative
Local 49
cuecker@local49.org

SESSION F:

Advanced Tech Center (ATC) – ROOM 105

AT: Your Super Power

Facilitator(s): Tami Ternes, Krista Burman,
Ronni Kupris, Amber McCauley
BSC
<https://bismarckstate.edu/>

SESSION M:

Advanced Tech Center (ATC) – ROOM 105

Gas Processing & Pipeline Operations

Facilitator(s): Josh Becker - Plant Manager
Aux Sable-Pembina
jobecker@pembina.com

SESSION N:

Advanced Tech Center (ATC) – ROOM 306

Hands On With Cyber and AI

Facilitator(s): Marcus Fries
BSC
<https://bismarckstate.edu/>

SESSION O:

Advanced Tech Center (ATC) – ROOM 104

Designing the Play

Facilitator(s): Dean Bellin
BSC
<https://bismarckstate.edu/>

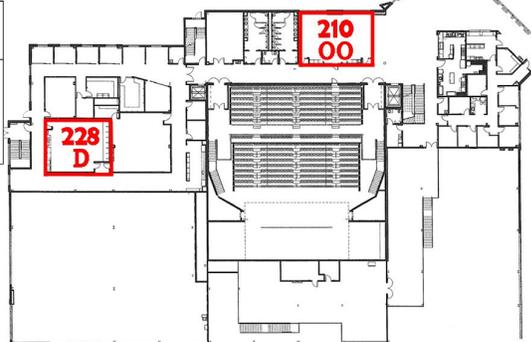
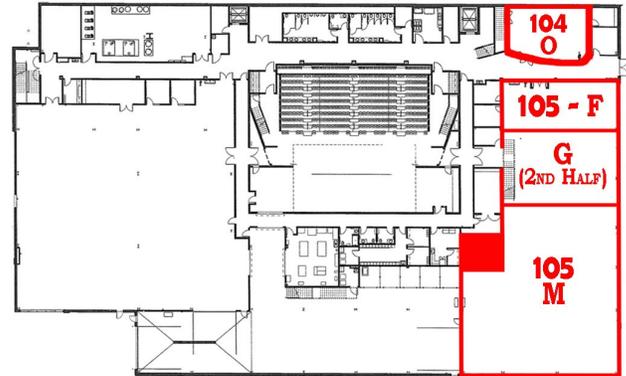
SESSION OO:

Advanced Tech Center (ATC) – Room 210

VR Headsets & Hydraulic Lift Arm

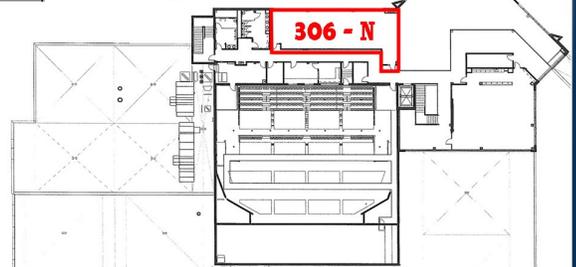
Facilitator(s): Casey Nyhus - HR Specialist II
Bobcat
casey.nyhus@doosan.com

ATC
1ST FLOOR



ATC
2ND FLOOR

ATC
3RD FLOOR



SESSION P - ARMORY

SESSION P:

Armory - ROOM 143A (Mystic Media)

Spilling the Tea: Writing for the News

Facilitator(s): Karen Bauer
BSC
<https://bismarckstate.edu/>

ARMORY



SESSIONS Q, R, T, U, V, W - SCHAFFER HALL

SESSION Q:

Schafer - ROOM 304

Tumbling Tower of Stress

Facilitator(s): Kim Kohler, Ben Winegard, Chelsea Nucech, Theresa Felderman
BSC

<https://bismarckstate.edu/>

SESSION R:

Schafer - ROOM 305

Paper Airplanes and Manufacturing

Facilitator(s): Mohammed Syedul Islam
BSC

<https://bismarckstate.edu/>

SESSION T:

Schafer - Sidney J Lee Auditorium

Build a Band-Build a Brand

Facilitator(s): Kennedy Cowart
BSC

<https://bismarckstate.edu/>

SESSION U:

Schafer - ROOM 214

The Time Value of Money

Facilitator(s): Holly McBee
BSC

<https://bismarckstate.edu/>

SESSION V:

Schafer - ROOM 216 (Wed)

Schafer - ROOM 309 (Thurs)

The 30-Minute Marketing Challenge

Facilitator(s): Nicole Morrison, Olivia Thorenson (student), Jocelyn Puckett (student)
BSC

<https://bismarckstate.edu/>

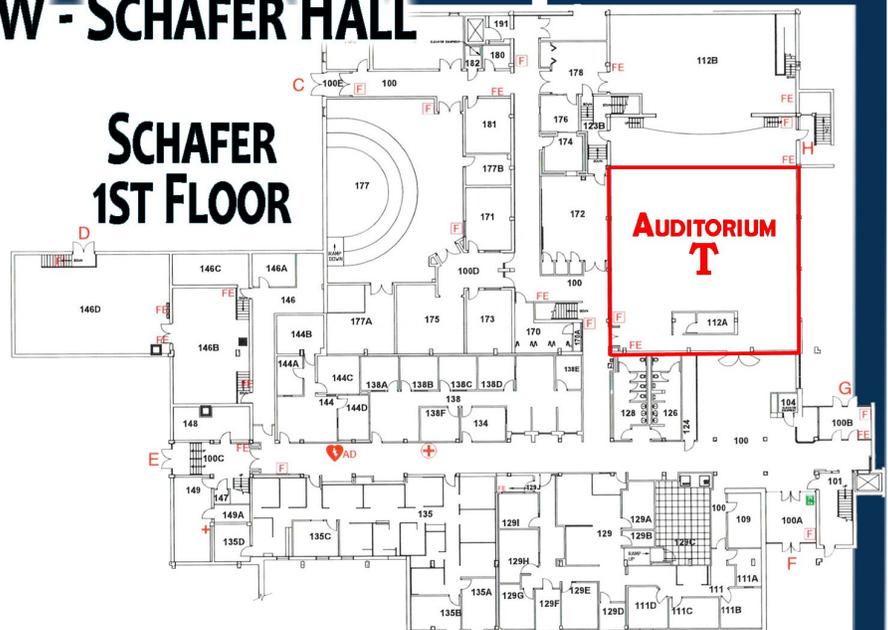
SESSION W:

Schafer - ROOM 304

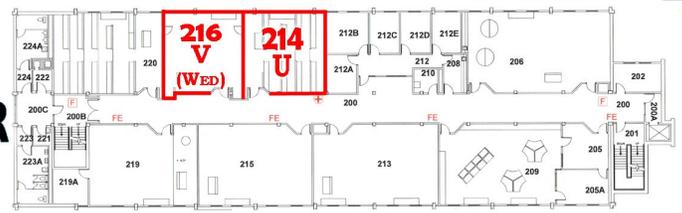
Tumbling Tower of Stress (2)

Facilitator(s): Lisa Hoynes
BSC

<https://bismarckstate.edu/>



SCHAFFER 2ND FLOOR



SCHAFFER 3RD FLOOR

SESSION S - SKOGEN HALL

SESSION S:

Skogen Hall - ROOM 302

Elevator Pitches

Facilitator(s): Kim Weismann
BSC

<https://bismarckstate.edu/>

SKOGEN 3RD FLOOR



SESSIONS X, Y, Z - JACK SCIENCE CENTER (JSC)

SESSION X:

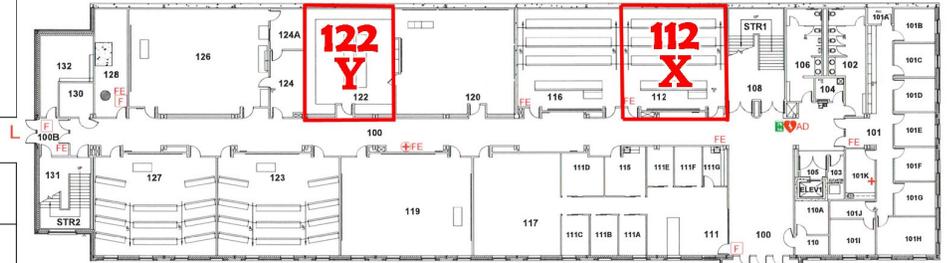
Jack Science Center (JSC) - ROOM 112

Marble Mazes: Creative Problem-Solving Fun

Facilitator(s): Kendall Bergrud
BSC

<https://bismarckstate.edu/>

JSC - 1ST FLOOR



SESSION Y:

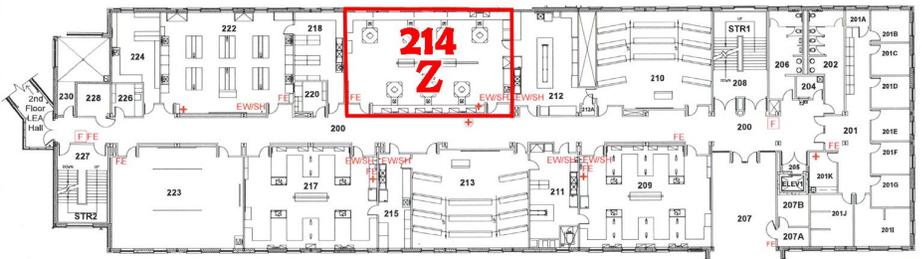
Jack Science Center (JSC) - ROOM 122

Social Media Brand Challenge

Facilitator(s): Mary Montoya
BSC

<https://bismarckstate.edu/>

JSC - 2ND FLOOR



SESSION Z:

Jack Science Center (JSC) - ROOM 214

DNA Testing

Facilitator(s): Eric Bless
BSC

<https://bismarckstate.edu/>

SESSIONS AA-CC - CENTER FOR HEALTH SCIENCES

SESSION AA:

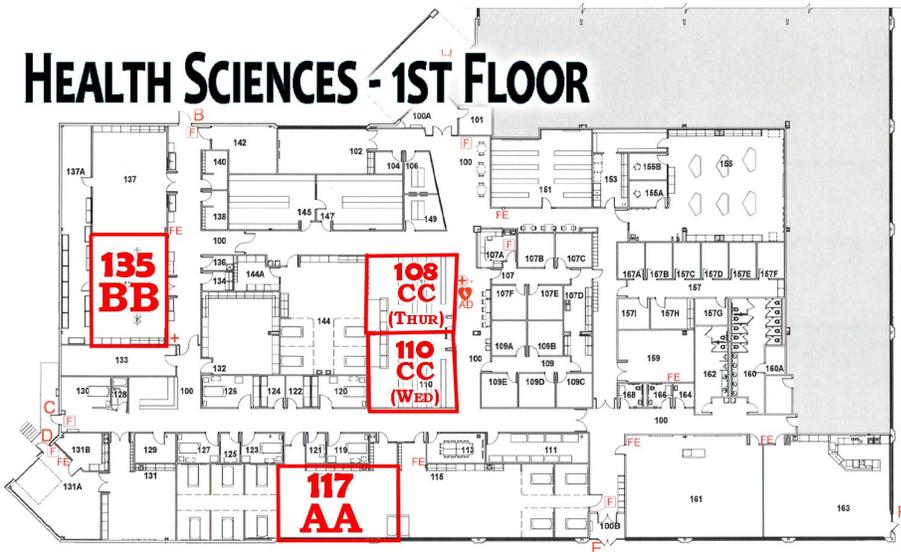
Center for Health Sciences – ROOM 117

Lessons in Dental Assisting and Dental Hygiene

Facilitator(s): Mikey Wegner, Lindsey Dutchak
BSC

<https://bismarckstate.edu/>

HEALTH SCIENCES - 1ST FLOOR



SESSION BB:

Center for Health Sciences – ROOM 135

"Scoping" Out Surgical Technology

Facilitator(s): Trudy Riehl, Jordyn Blasquez
BSC

<https://bismarckstate.edu/>

SESSION CC:

Center for Health Sciences – ROOM 110 (Wed)
Center for Health Sciences – ROOM 108 (Thurs)

Code Blue: EMS on Action

Facilitator(s): EMS Faculty
BSC

<https://bismarckstate.edu/>

SESSIONS DD, EE, FF - TECHNICAL CENTER

SESSION DD:

Tech Center – ROOM 248/Carpentry Shop

Construction- HEO and Carpentry

Facilitator(s): Brandyn Engelhard, David Nelson
BSC

<https://bismarckstate.edu/>

SESSION EE:

Tech Center – ROOM 105

Construction- Welding

Facilitator(s): Kyle Mattson, Travis Bergan
BSC

<https://bismarckstate.edu/>

SESSION FF: MEET AT LOBBY

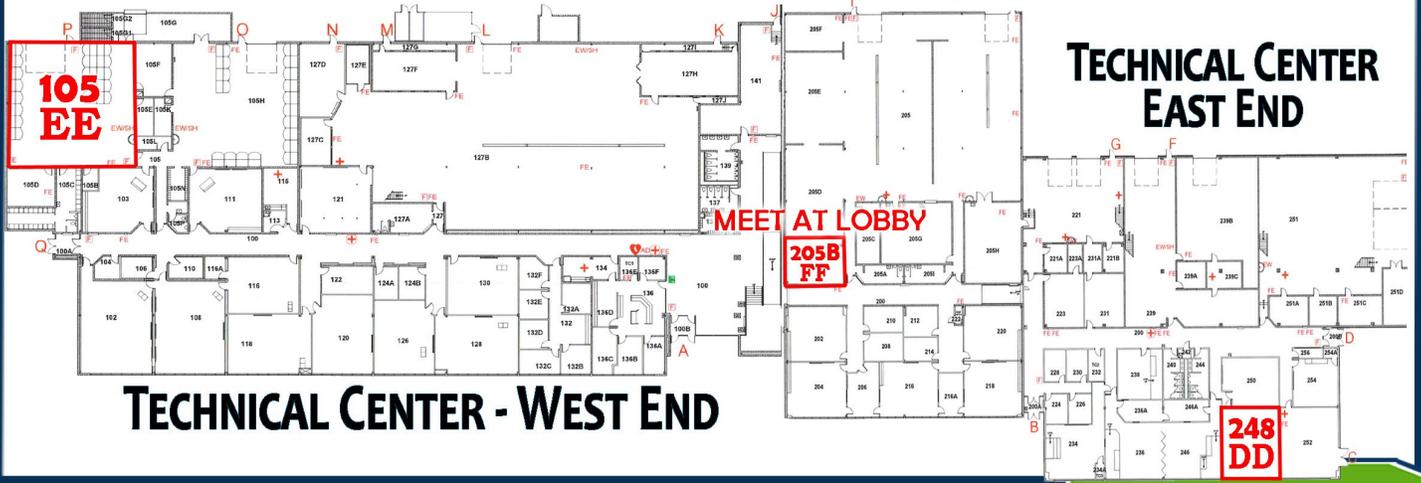
Tech Center – ROOM 205B/Auto Shop

Auto Collision, Auto Tech, and Diesel

Facilitator(s): Seth Barrett, Richard Bahm, Jeff Wuitschick, Todd Reidman

BSC

<https://bismarckstate.edu/>



T4 - BISMARCK 2026 PARTICIPATING SCHOOLS

As of 2/20/26

- Garrison Public School
- Sweet Briar School
- Strasburg Public School
- Wishek Public School
- Hazelton-Moffit-Braddock Public School
- Medina Public School
- Wing Public School
- Linton Public School
- Center-Stanton Public School
- Medina Public School
- Wing Public School
- Napoleon Public School
- Richardton-Taylor Public School
- Solen Public School
- Hazen Public School
- McClusky-Goodrich Public School
- New Salem-Almont Public School
- Hebron Public School
- Flasher Public School
- Little Heart Public School
- Turtle Lake-Mercer Public School
- Ashley Public School
- Washburn Public School
- Home School Students

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

SESSIONS GG-NN - BPS CAREER ACADEMY

SESSION GG:

Career Academy – ROOM 230

Signal to Systems: Electronics and Automation

Facilitator(s): Craig Nelson, Vance Vesey, Curtis Schuler, Mike Holman, Scott Harris, Adam Gietzen
BSC
<https://bismarckstate.edu/>

SESSION JJ:

Career Academy – Multipurpose Room

Agriculture- Sprayer Simulator

Facilitator(s): Wayne Olson
BSC
<https://bismarckstate.edu/>

SESSION MM:

Career Academy – Multipurpose Room

Wizard Electronics

Facilitator(s): Joel Gustafson
T4 Team
t4ndsummit.org

SESSION HH:

Career Academy - ROOM 122

Agriculture- Crops/Animal Nutrition

Facilitator(s): Marko Davinic, Charlotte (Chuckie) Heim
BSC
<https://bismarckstate.edu/>

SESSION KK:

Career Academy – Multipurpose Room

Instrumentation

Facilitator(s): ConocoPhillips & Kent Ellis
Conono Phillips/T4 Team
t4ndsummit.org

SESSION NN:

Career Academy – Multipurpose Room

Power Plant Puzzle

Facilitator(s): Daryl Hill
T4 Team
t4ndsummit.org

SESSION II:

Career Academy - ROOM 320

Graphic Design

Facilitator(s): Jason Leuder, Sean Thorenson
BSC
<https://bismarckstate.edu/>

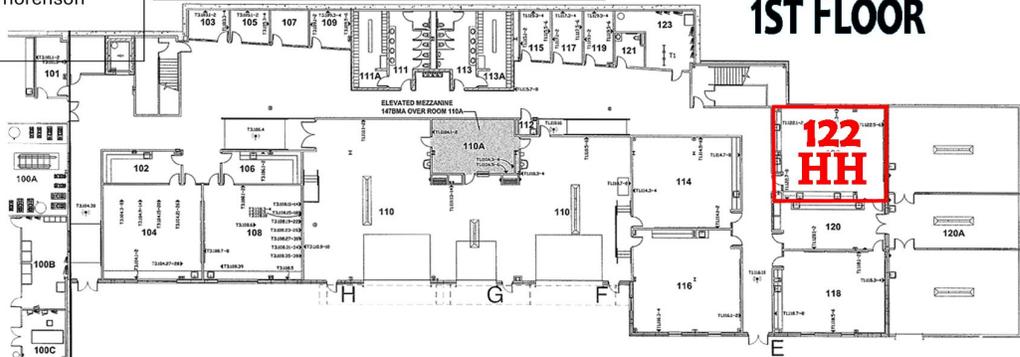
SESSION LL:

Career Academy – Multipurpose Room

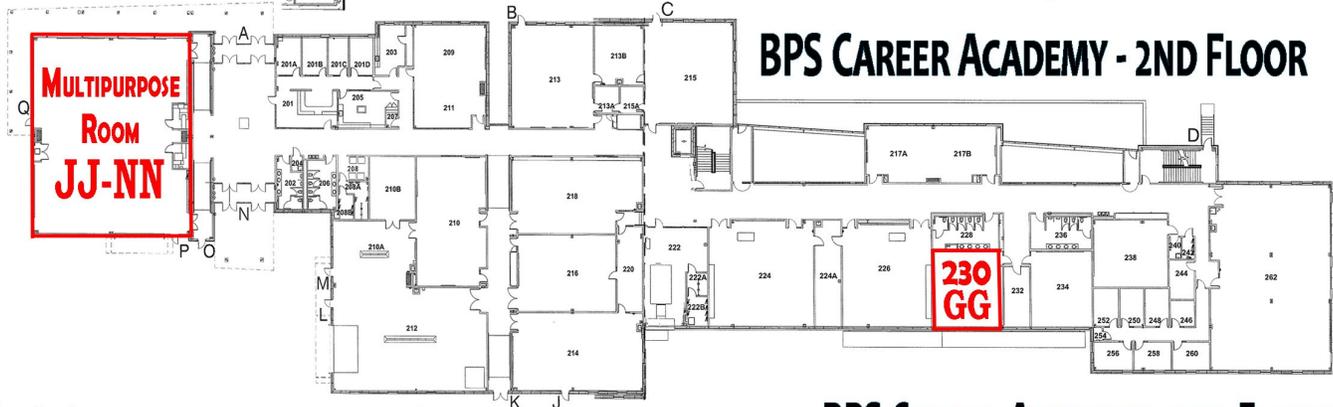
Let's Build a Pipeline

Facilitator(s): Kent Schweigert
T4 Team
t4ndsummit.org

BPS CAREER ACADEMY 1ST FLOOR



BPS CAREER ACADEMY - 2ND FLOOR



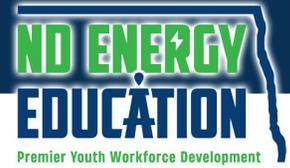
BPS CAREER ACADEMY - 3RD FLOOR



THANK YOU!!

BISMARCK 2026

www.T4NDSummit.org



TODAY'S T4 IS BROUGHT TO YOU BY:



Skills that GET YOU THERE.

The right training. The right career.

Whether you're ready to jumpstart into your career with a technical degree or explore pathways with transfer options, we offer hands-on training with connections and affordable tuition that get you there.

14+ BACHELOR'S DEGREES

Along with associate degrees and stackable certificate options



SAVE THOUSANDS

Tuition at about \$5k per year and over \$1.7 million in scholarships

100+ CAREER PATHWAYS

BSC technical, transfer and general education programs raise the bar with hands-on learning that leads to higher-wage earning.

- Cybersecurity
- Energy
- Health Sciences
- STEM
- Manufacturing & Automation
- Transportation & Construction
- Transfer Programs
- Agriculture
- Business & Finance
- Communications

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.

THANK YOU TO OUR ORGANIZING SPONSORS!



www.NDPetroleumFoundation.org



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:



COLLABORATING PARTNERS:



SESSION PARTNERS:

