



Wayde Sick, Director
Mark Wagner, Assistant Director

April, 2023

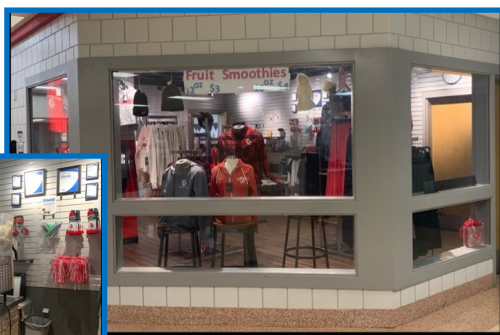
Newsletter

Marketing SBE: Proven WBL Opportunities

-Kevin Reisenauer, Supervisor, Marketing Education

Marketing Education programs in North Dakota provide Work-based Learning in a variety of ways, including the Virtual Business Challenge, Stock Marketing Game, Cooperative Work Experience, authentic business operation, integrated marketing campaigns planned and organized for local businesses in most communities, and the School Based Enterprise, known as the school store in most schools.

School Based Enterprises (SBEs) are generally the capstone course of the sequences marketing education program. Typically, seniors who have



Central Cass School Store received National Gold Certification.

taken marketing or entrepreneurship courses use those skills and knowledge to operate the store. School stores are more than just a candy counter, instead they have course standards, assignments, and students are assessed on their knowledge in the following instructional areas: Financial Analysis, Operations, Marketing-Information Management, Market Planning, Product/Service Management, Pricing, Distribution/Channel Management, Promotion, Selling, Human Resources Management, 21st Century Skills, Critical Problem Solving, Collaboration, Teamwork, Communication, Creativity, and Innovation.

School Based Enterprises are evaluated at the national level and awarded a Gold, Silver, or Bronze Certification is based on their documentation in each of the instructional areas. This year eight School Based Enterprises received the Gold Level and one school received the Bronze Level Certification. **Washburn High School**, in their first year in operation, received the Bronze Level Certification.

Those receiving the Gold Level Certification are:

- *Bismarck Legacy High School
- *Central Cass High School
- *Grand Forks Central
- *Grand Forks Red River
- *Mandan Retail Store
- *Mandan ATM Operation
- *Sheyenne High School
- *West Fargo High School



Red River School Store received National Gold Certification.

Dates of Interest

April 2-4, 2023

FBLA Conference
Bismarck, North Dakota

April 16-18, 2023

FCCLA Conference
Bismarck, North Dakota

April 16-18, 2023

HOSA Conference
Minot, North Dakota

April 15-19, 2023

Collegiate DECA International Conference
Orlando, Florida

April 21-26, 2023

DECA International Conference
Orlando, Florida

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CTE Around the State

North Dakota State College of Science Culinary Arts students, faculty, and alumni prepared and served a 6-course meal last week for their 3rd annual Scholarship



Dinner. Guests enjoyed wonderful conversation, a relaxing atmosphere, and delicious food. Joseph Brunner, NDSCS alumnus and Executive Chef at Mezzaluna in Fargo, created the entrée for the scholarship dinner.

Marketing Education (DECA) alumni returned to the 2023 DECA Conference in Bismarck in March to share their classroom and DECA experiences and how it has helped them through their career path. Ashley Erickson, **Fargo North**; Tyler Gangl, **Mandan**; Kasey Erickson, **Adams-Edmore**; and Mike Offerdahl, **Century**.



SRO Peters spent some time with the **Dickinson High School** Family and Consumer Science class teaching the youth how to make donuts! He talked about the origin of the infamous “cops and donuts” stereotype.

According to Officer Peters, “It is always great to bond with our

youth and build positive relationships with the students in our district.”

Center-Stanton Public School's Family and Consumer Science class, taught by Renae Schmidt, has been implementing CRACTC's Mobile Parenting Lab. Students have been learning about Fetal Alcohol babies, Infant CPR and choking, and the empathy belly. Each member school that is part of the Mobile Lab program gets to use CRACTC's Mobile Parenting Lab for 4 weeks.



Not all North Dakota high schools have a meat processing lab. To add hands-on training for students who need access to an on-site meat processing lab, **Southeast Region CTC** introduced a mobile meats lab in 2006.

The idea came from the director, Dan Spellerberg, as part of the Center's vision to be the leader of best practices for education in ND.



With its mobile meats lab, SRCTC offers meat processing fundamentals, including safety and sanitation, while showing students where their meat comes from.

Four area students in from **Roughrider Area CTC** had the opportunity to job shadow at the Dickinson hospital. The students were able to be in surgery, ER, ICU, OB, X-Ray, and lab. Students can learn first hand what these professionals do. These opportunities give students a look at possible career paths.



FACS Teachers Retreat Held in Nome, North Dakota

The Nome Schoolhouse was honored to host FCS teachers for a continuing Ed retreat the weekend of February 25 and 26, 2023! The weekend was packed full of fiber arts information, creativity and good food! They look forward to hosting them again next year and for other upcoming continuing Ed opportunities. Twenty-two North Dakota Family and Consumer Sciences teachers attended the two day retreat.

The Nome Schoolhouse was built in 1916 and the gym added in 1949. Many children, teachers, and parents went through these halls sharing years and years of memories. With the general decline of rural population in North Dakota, the enrollment at the school became smaller and smaller. As a result, the high school was closed in 1966 and the elementary school in 1970. The pupils were sent to Fingal, Enderlin, and Kathryn schools. The school building was sold and used for storage. The school district dissolved in 1972. After several owners and many years Teresa and Chris of Shepherd Industries, LLC, purchased the building and surrounding land in 2018. After a 3 year restoration, the school reopened as a Fiber Arts Retreat Center/Event Center/Boutique Hotel in 2021.



IgniteND Will Be Held June 7-9: \$500 Teacher Stipend for Attending

North Dakota EduTech has announced free self-paced training resources for all ND citizens. These resources are designed to give “learners everywhere – from all backgrounds and experiences – a pathway to a career in technology.” **North Dakota Citizens Skills for All** offers a wide range of valuable career ready resources. Pathways include Digital Essentials, Data Science, Networking, Programming Languages, Cybersecurity, and an exploratory pathway with introductions to cybersecurity, computer hardware, operating systems, Internet of Things, Digital Transformation, and Cisco Packet Tracers. More information and the links to the resources are available at [NDIT-EduTech ND Citizens Skills for All](https://bit.ly/ndit-edutech-citizens-skills-for-all).

IgniteND is scheduled for June 7-9, 2023 in Bismarck on the campus of Bismarck State College. “IgniteND is an opportunity to fulfill the goal of “Every Student. Every School. Cyber Educated.” This three-day conference gives individuals opportunities to engage in current education topics “including computer science and cybersecurity as foundational for success in a global, digital economy.” For more information you can go to this website and sign up to be on the mail list. [IgniteND Conference](https://bit.ly/ignite-nd)

More EduTech links. EduTech provides a wide range of support and training. The following links will help you stay informed on Computer Science and Cybersecurity information. Every Student. Every School. Cyber Educated in ND. updates can be found at <https://bit.ly/edutechupdates>. You can subscribe to the NDIT-EduTech Newsletter at <https://bit.ly/nditedutechsubscribe>.

Cisco has announced two new entry-level **Cisco Certified Support Technician (CCTS) Certifications** (CCTS Cybersecurity and CCTS Networking), with aligned training courses from Cisco Networking Academy. They are designed for entry-level job seekers, career changers, and college and high school students. These are free online self-paced courses or instructor-led offerings through Cisco academies. Exams will be available through Certiport and Pearson VUE. The CCST Cybersecurity exam was made available March 1, 2023 and the CCST Networking exam will be made available in April, 2023. The exams are 40-45 questions, 50 minutes, can be taken directly at school or testing center, and do not expire. CCST Cybersecurity – “Validates entry-level Cybersecurity knowledge and skills to support and assist tasks including security principles, network security and endpoint security concepts, vulnerability assessment and risk management, and incident handling.” CCST Networking – “Ensures successful candidates have the foundational knowledge and skills necessary to demonstrate how networks operate, including the devices, media, and protocols that enable network communication.”

Cyber Madness High School Competition

- Tracy Foss, Supervisor, Information Technology

The Cyber Madness Team put on the 2nd Annual High School Cyber Madness competition on February 16 – 17, 2023, on the campus of Bismarck State College. Twelve (12) schools, twenty-one (21) teams, and eighty-nine (89) students participated. The First place winners were the Roughriders from Red River High School – Matthew Evans, Dimitri Kolodka, Lauryn Brynjulson, Olivia Whitney, and Briley Zhang, (competitors), and Paul Zettler (coach). The Second place winners were the James Valley CTC from James Valley Career and Technology Center – Jordan Dooley, Mason Klocke, Ryan Solensky, and Zayne Muhs-Oretta (competitors), and Darby Heinert (coach). The Third place winners were the Pirates from Tioga Public School – Brayden Fosburgh, Gracie Nutt, Emma Taylor, Ryne Skabo, and Austin Fretheim (competitors), Eli Clark (student coach), and Bridgette Odegaard (coach).



First place winners received a \$1,000 scholarship. Second place winners received a \$500 scholarship. Third place winners received a \$250 scholarship. And there were two other lottery scholarship winners that received \$250 scholarships. Other schools participating were Alexander, Beach, Bismarck Century, Bismarck High, Drake – Anamoose, Fargo, Legacy, Turtle Mountain, and Washburn.

Palo Alto was the event partner for this competition. Platinum sponsors were BAND (Broadband Association of North Dakota), First International Bank and Trust, Emerging Digital Academy, Microsoft, and Bismarck State College. Silver Sponsors were NDDes Homeland Security State Radio and Basin Electric Power Cooperative. Exhibiting sponsors were North Dakota National Guard, Cybercon 2023, and Career View XR. Benefit sponsors were Cybernet Security BEK, Prairie Public, Bismarck Mandan Convention and Visitors Bureau, Firehawk Networks, Dakota Community Bank & Trust, SEAM Secure Enterprise Asset Management, and DCN Dakota Carrier Network. Supporting sponsors were Due North Information Security, Lignite Energy Council, High Point Networks, and Minnkota Power Cooperative. College sponsors were University of Jamestown, Valley City State University, Dickinson State University, NDSU College of Engineering, University of Mary, and Turtle Mountain Community College.

More information about the competition can be found at [NDIT-EduTech Cyber Madness](https://www.ndit.edu/tech/cyber-madness).

CTSO Leadership Perspective

Becoming an FCCLA member is one of my best decisions. My involvement in Family, Career, and Community Leaders of America has given me many opportunities. I have found family in my state officer team and home chapter. I receive opportunities to discover careers that may become my future one day. I have the ability to be involved in my community and see how much we can do for it. The leadership skills I've gained from being a member are incredible. I've been given the chance to meet and network with members from all across the country. I would not be who I am without FCCLA.

Emma Selensky is a member of the Harvey FCCLA Chapter. She serves as North Dakota Vice President of Competitive Events.



Nominations for NDACTE Awards

We all know someone that is deserving of recognition for their commitment and initiatives within CTE! Nominate yourself or someone else today! NDACTE is seeking nominations from all divisions, positions and content areas for the following awards:

- North Dakota ACTE Teacher of the Year
- North Dakota ACTE Postsecondary Teacher of the Year
- North Dakota ACTE New Teacher of the Year
- North Dakota ACTE Teacher Educator of the Year
- North Dakota ACTE Administrator of the Year
- North Dakota ACTE Counseling and Career Development Professional Award
- North Dakota ACTE Carl Perkins Community Service Award
- North Dakota ACTE Lifetime Achievement Award
- Agriculture Education New Teacher of the Year
- Business Education New Teacher of the Year
- Career Development New Teacher of the Year
- Family and Consumer Science New Teacher of the Year
- Health Sciences New Teacher of the Year
- Marketing New Teacher of the Year
- Special Populations New Teacher of the Year
- Technology and Engineering Education Teacher of the Year
- Trade and Industry New Teacher of the Year



Learn more about the nomination guidelines and how to submit a nomination for the awards above online here: <https://acte.secure-platform.com/a/organizations/ND/home>. Award recipients will then be judged and North Dakota ACTE award winners will have their nominations forwarded on to be considered for the ACTE Region V Awards.

Impact Awards

- Business Education Partnership
- Champion of the Year

Learn more about the nomination guidelines and how to submit a nomination for ACTE Impact awards at: <https://www.acteonline.org/professional-development/acte-awards/>. The Impact Award nominations are automatically moved on to the national level and will be recognized at the NDACTE Awards.

Innovative Program Award

This award recognizes innovative career and technical education programs from each Region V state that are unique, novel, and are serving to improve and promote the image of career and technical education. Go to www.NDACTE.com for Innovative Career and Technical Education Program Nomination Form.

Deserving candidates for these awards have demonstrated their commitment to CTE through their innovation, accomplishments, and contributions to the CTE community. We are accepting nominations until **April 30, 2023**. If you have any questions, please contact North Dakota's Awards Committee Chair, Danielle Luebke, Danielle.Luebke@k12.nd.us or Carla Hixson NDACTE@outlook.org.

On-site registration for the 2023 Region V ACTE Conference still available!
April 12-15, 2023 Delta Hotels, Fargo, ND www.NDACTE.com for more information

Middle School and High School Cyber Madness and More

- Tracy Foss, Information Technology Education Supervisor

The Cyber Madness Team added a Middle School competition this school year. Seventeen (17) schools, thirty-seven (37) teams, and one hundred thirty-three (133) students participated in its inaugural event. The virtual play in round was held on October 28, 2022. The finalists then competed at an in-person event at Minot State University in Minot and Minnkota Power Cooperative in Grand Forks.

The First Place winners were the Phish Kids from Horizon Middle School – Charles Dobrzelecki, Ethan Schulte, and Griffin Taylor (competitors), and Wade Kadrmas (coach). Second Place winners were the 344 Jarvis AI from Fairmont Public Schools – Jerrick Townsend and Brayden Day Child (competitors), and Jay Townsend (coach). Third Place winners were The Code Crackers from St. John's Academy – Jack Bollinger, Tyler Bucton, Joe Trumbauer, and Kenny Dobson (competitors) and Lindsey Cramer (coach).

First Place winners received a \$500 scholarship. Second Place winners received a \$300 scholarship. Third Place winners received a \$100 scholarship. There were 11 other lottery scholarship winners that received \$100 scholarships as well. Other schools participating were Drake-Anamoose, Napoleon, Shiloh Christian, Simle, Alexander, Beach, Flasher, Glen Ullin, Lidgerwood, Missouri Ridge, Nedrose, South Prairie, Vance County, and Wachter.

Cyber.org was the event partner for this competition. Platinum sponsors were BAND Broadband Association of North Dakota and First International Bank and Trust. Silver Sponsor was NDDes Homeland Security State Radio.



Benefit Sponsors were Dakota Community Bank & Trust, Firehawk Networks, Cybernet Security BEK, DCN Dakota Carrier Network, and SEAM Secure Enterprise Asset Management. Supporting sponsors were Lignite Energy Council and Minnkota Power Cooperative. Exhibiting Sponsor was North Dakota National Guard. College Supporter was Minot State University.

More information about the competition can be found at [NDIT-EduTech Middle School Tournament](#).

North Dakota Award Winners at the Region V Conference

- Carla Hixon, Executive Director, NDACTE

NDACTE annually recognizes individuals who have contributed to Career and Technical Education. Recipients of the 2022 Awards are advancing to the regional competition to be held in Fargo, North Dakota, April 12-15, 2023. Award winners will be announced during the Awards Banquet on Friday, April 14, 2023. North Dakota is represented by the following deserving candidates:

- Administrator of the Year – Pam Strokland, Minot Public Schools
- Teacher of the Year – Ashley Sailer, Midway Public Schools
- New Teacher of the Year - Bailey Hawbaker, Stanley High School
- Teacher Educator of the Year– Lisa Krumwiede, Valley City State University

Best of luck to our award winners at the regional level!

North Dakota CTE Professional Development Conference

August 7-9, 2023

State Director's Column

-Wayde Sick, Director, North Dakota Career and Technical Education

68th Legislative Assembly Update

The 68th Legislative Assembly is nearing the finish line. March 31st is the 56th Legislative Day, leaving 24 Constitutionally allowed days. The Legislature is allowed 80 days per biennium, which means the Legislature must adjourn by May 4th. The remaining days will include Policy Committee Work, Appropriations Committee Work, Conference Committee Hearings, and long Floor Sessions.



My previous articles have focused on HB1019, which is the Department of Career and Technical Education Appropriation bill, but a few other important bills have passed both Chambers and are off to the Governor for signature. If the bill versions are different, the bill is re-referred to the originating Chamber to agree to the changes or send it to Conference Committee.

Below are a few that impact Career and Technical Education.

- HB1199 – This act provides the Department of Career and Technical Education a line of credit, through the Bank of North Dakota, to grant dollars to the previously approved CTE Capital Projects applications. This has been signed by the Governor.
- HB1348 – This act would allow a large Career and Technology Center to adopt a representative type of Board, which would make the CTE Center Board more manageable. This will now be sent to the Governor.
- HB1398 – This act would require Computer Science and Cybersecurity instruction to be provided to all students K12 and require it to be a graduation requirement. A CS/ Cybersecurity integration plan can be used to meet the graduation requirement. This will now be sent to the Governor.
- SB2070 – This bill allows a permitted teacher to extend their permit to seven years, provided they enroll in an approved teacher preparation program to become a licensed teacher. This will now be sent to the Governor.

As a CTE Champion, and a citizen of North Dakota, I ask you to be involved in the process. The Legislative process is transparent, and thanks to technology, can be accessed anywhere. The following link allows citizens to watch House of Representatives and Senate Floor Sessions and Committee Hearings; contact their local Legislators; search and track specific bills, and submit written and verbal testimony. A North Dakota login ID will need to be created to track bills and submit testimony. A login is not necessary to watch video of Floor Sessions or Committee Hearings.

[North Dakota Legislative Branch | North Dakota Legislative Branch \(ndlegis.gov\)](http://ndlegis.gov)

Thank you for all you do for the students of North Dakota and for being a CTE Champion!

For any questions, please feel free to contact me at wasick@nd.gov.

Wayde Sick
State CTE Director

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State Director

North Dakota CTE

North Dakota CTE Board Members

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Assistant Director's Corner

Perkins V: Consolidated Annual Report

- Mark Wagner, Assistant Director

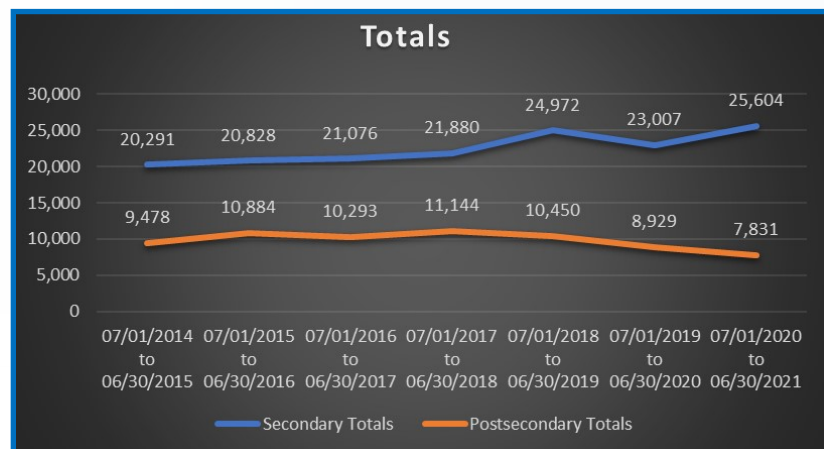


Mark Wagner, Assistant Director,
North Dakota Career and Technical

The consolidated annual report (CAR) is required to meet the Perkins V reporting requirements. This performance report is for program year July 1, 2021 – June 30, 2022, and outlines the accomplishments and benefits to individuals in North Dakota because of federal funding received from the Carl D. Perkins Career and Technical Education Act. This annual accountability report is submitted in compliance with the Perkins Act and is intended to provide information about the North Dakota Department of Career and Technical Education's success in meeting program goals, and to provide direction for future programs and activities in the state. It follows a prescribed format as required by the US Department of Education and is submitted as part of the State of North Dakota's annual Performance, Enrollment, Accountability, and Financial Status Report.

Mission of CTE

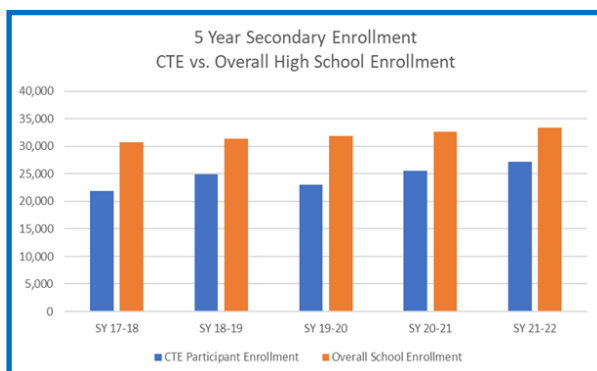
The mission of the State Board for Career and Technical Education is to work with others to provide all North Dakota citizens with the technical skills, knowledge, and attitudes necessary for successful performance in a globally competitive workplace.



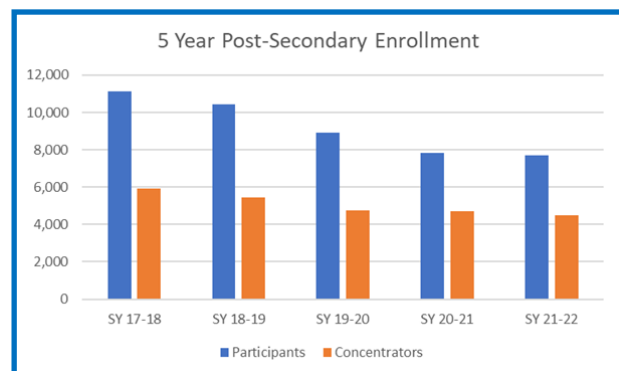
Enrollment totals compared to the previous year—the number of secondary students were up 1,594 and the number of post-secondary students were down 117.

Secondary Performance Levels: The ND Department of Career and Technical Education (CTE) exceeded the achievement levels for the measures; Student Graduation Rate, Academic Proficiency in Mathematics, Academic Proficiency in Science, Post-Program Placement, Non-Traditional Program Concentration, and Program Quality-Participated in Work-Based Learning. Did not meet the achievement level in Academic Proficiency in Reading/Language.

Post-Secondary Performance Levels: The ND Department of CTE exceeded the achievement levels for the measures; Post-Secondary Placement and Earned Recognized Postsecondary Credential. Did not meet the achievement level in area of Non-Traditional Program Concentration. This report is located at www.cte.nd.gov/sites/www/files/documents/Publications/ConsolidatedAnnualReport2022.pdf



2021-22: 82% | 2020-21: 78% | 2019-20: 72% | 2018-19: 79% | 2017-18: 69%



5-year History of Post-Secondary Participants and Concentrators