



North Dakota
Career and Technical Education
Wayde Sick, Director
Mark Wagner, Assistant Director

April 2019

Newsletter

CTE IT Instructors Participate in Standards Writing and Review Process

There has been a buzz round the state the past few months about Computer Science and Cybersecurity Education in schools and with the passing of North Dakota’s first Computer Science and Cybersecurity standards, we are one step closer to the goal of “every student, every school, cyber educated.”

This past September, with the guidance of the ND Department of Public Instruction (NDDPI) and North Central Comprehensive Center (NCCC), a Development Committee consisting of educators from around the state (K-12 and postsecondary) was formed to review Computer Science and Cybersecurity content standards from other states and also current North Dakota Library Technology Content and CTE Information Technology Standards. From their research, this group was able to develop a first draft of new standards in October that were then prepared for public review and feedback.

A review committee comprised of experts from the field of higher education, k-12 schools, and industry, met in December to review and give feedback on the standards draft. This stakeholder feedback set the stage for the final review, editing, and recommendation content of standards in January. Since then, the standards have been brought before Superintendent Kirsten Baesler and have been approved.

CTE has been an integral part of the development of these first Computer Science and Cybersecurity Content Standards for the state of North Dakota. Instructors from both secondary and postsecondary took time to be a part of both the Development and Review Committees. Through these standards, the team hopes to spark new interest and instill vital cyber skills to all students throughout the state.



Dates of Interest

March 30-April 2, 2019
FBLA Conference
Bismarck

April 7-9, 2019
FCCLA Conference
Bismarck

April 14-16, 2019
SkillsUSA Conference
Wahpeton

June 3-6, 2019
FFA Conference
Fargo

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Congratulations CTE Staff

Jessica DeVaal received the “Alumni of the Year” Award at the recent PBL Conference. Jessica is the Supervisor of Business Education and the advisor of FBLA and PBL.



Don Fischer received the “Lifetime Achievement” Award at the ITEEA Council for Supervision and Leadership. Don is the Supervisor of Technology and Engineering Education and the advisor of TSA.



About Legislative Assembly

The North Dakota Legislative Assembly is the formal designation of the state legislature. The Legislative Assembly consists of a Senate and House of Representatives. The Senate may consist of 40-54 members and the House may consist of 80-108 members, depending on the number of senatorial districts. Legislative members take office December 1 of even-numbered years. The Legislative Assembly convenes in regular session in January.

During the legislative session, a legislator can be reached at the state Capitol through e-mail or by leaving a message with the legislative telephone message center at 1-888-635-3447.

66th Legislative Assembly

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

If the North Dakota Legislative Session were compared to a hockey game, we are nearing the end of the 2nd period for the 66th Legislative Assembly. April 5th is the deadline in which all bills must be reported out of the committee in the second house. In other words, most of the work, until the end of session, will occur in conference committees. Each bill that has passed both houses, but have amendments, must be agreed upon in a conference committee, including appropriations bills.

To date, HB 1019, the CTE Appropriations bill, is moving forward. As mentioned in the February newsletter, HB1019 was before Senate Appropriations on March 1st. Since then, there have been multiple conversations on the budget and priorities. The Senate Subcommittee consisting of Senator Poolman (chair), Senator Erbele and Senator Robinson met on March 11th and again on March 27th. Although the committee has not made any decisions on amendments to HB 1019, our priorities remain the same. They are:

- \$1 Million – Cost to continue to fund programs at current reimbursement rates
- \$1.5 Million – Funding for new and expanding programs
- \$350,007 – Restore funding cut for Adult Farm Management Programs
- \$30 Million – Development of the Career Academy Matching Grant Program

Please contact Wayde Sick at (701) 328-2259 or at wasick@nd.gov for any questions you may have on the 66th Legislative Assembly.

State Director's Column

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

The Department of Career and Technical Education is making progress in developing the State's Perkins V State Plan. First, the 2019-20 Transition Plan has been completed and published on the Department's website for public comment. Very few changes were made in the Transition Plan in comparison to the current state plan. The reason is the Department is and will be conducting stakeholder engagement meetings throughout the spring and summer of 2019. With this feedback, appropriate changes can be made on funding decisions. To learn more about Perkins V or to provide public comment to the North Dakota Perkins V Transition Plan, please visit <http://www.nd.gov/cte/about/PerkinsV.html>. The public comment period will close on April 12, 2019. The Transition Plan, along with any public comments, must be submitted to the US Department of Education no later than May 24, 2019.



As mentioned, the Department has begun the stakeholder engagement process. To date, the Department has held a total of six meetings, primarily with state agency partners and local secondary and postsecondary CTE directors. Future meetings are being planned to include local administrators, teachers, counselors, employers, students, parents and other stakeholders. The Department is also in the process of developing a survey tool to receive input from broader groups across the state. Please stay tuned for updates as they occur.

To be more involved with the Perkins V State Plan writing process or for any questions regarding Perkins V, please contact Wayde Sick at (701)328-2259 or wasick@nd.gov.

Learning More About Perkins V

For the full text of the Strengthening Career and Technical Education for the 21st Century Act, please check it out here:
https://cte.careertech.org/sites/default/files/PerkinsV_September2018.pdf

Recognizing CTE Programs in North Dakota

The Director's Award of Excellence will be presented at the CTE Professional Development Conference (PDC) in August.

You are encouraged to nominate a worthy Career and Technical Education program from your institution.

This Award is an acknowledgement of superior CTE programs in North Dakota. Nominations may be from secondary, postsecondary or continued education in the areas of the approved CTE Program areas.

- More information and an online application can be found at <http://www.nd.gov/cte/pdc/directorawards.html>.
- Applications are due May 15, 2019.
- Award winners will be recognized at the 49th Annual CTE Professional Development Conference in August at Bismarck.

Please consider nominating your worthy programs.

Wayde Sick

State Director

North Dakota CTE

Did you know...



DISCOVER
career interests

DEVELOP
a rolling 4-year plan

PRACTICE
for the ACT

EXPLORE
College programs

BUILD
A financial aid plan

Student-Run Radio Station is a “One of a Kind” in North Dakota

KLHS Radio at Linton High School is North Dakotas only high school radio station. KLHS received five Golden Microphone Awards at the Intercollegiate Broadcasting System Conference in New York City on March 1st and 2nd. KLHS Radio is a part of the Radio Broadcasting Program offered at Linton High School. Mr. Jay Schmaltz is the Radio Broadcasting instructor.

Mr. Schmaltz stated that this is a huge milestone for a program that is only in its second year. LHS students competed against high school programs from across the nation that have been in operation for over 50 years. The program currently has thirteen students; eight in Radio 2 and five in A/V Technology & Communications. The eight Radio 2 students went to New York to be a part of the 79th Annual IBS Conference. The program received awards for being a finalist in “Best Use of Instagram” and “Best Celebrity Interview”. KLHS was a winner in “Best Use of Facebook” category. KLHS was a “Final 4 Finalist” for “Best High School Radio Station in the Nation”. Radio Broadcasting Instructor Jay Schmaltz was Runner-up for “High School Radio Station Advisor of the Year”.



Over 1,000 Radio stations were present at this conference and according to IBS President Chris Thomas, over 2,700 entries were submitted for awards. Just to be nominated in any category was an honor.

KLHS radio began broadcasting in the Spring Semester of 2017 with just four students. Since then the program has grown to two classes of A/V Tech & Communications and Radio 2 with thirteen students total. LHS is delivering the Arts A/V Tech & Communications class to 4 other schools via ITV.

Starting with the 2019-2020 School Year, LHS will be offering a Radio 3 course and potentially a Radio 4 course that would be a Capstone course.

The National Career Cluster Framework

The National Career Cluster Framework is a method of organizing curriculum and instruction for quality CTE programming. There are 16 Career Clusters and 79 corresponding career pathways that can help students plan their future career. North Dakota Career and Technical Education program areas incorporate 14 of the 16 clusters in K-12 and postsecondary classrooms.

When students complete the Career Cluster Survey, they have identified the activities, personal qualities and school subjects they like the most. The next step is to research careers and related occupations within the clusters that closely align with their results.

The [Career Outlook](#) magazine includes a section for each of the career clusters with detailed information on more than 200 occupations. North Dakota employment numbers, total employment openings, the long-term growth outlook, entry level and average annual wages are highlighted for each occupation. This information is useful in making informed decisions regarding postsecondary needs and opportunities within the state workforce.

The Career Cluster Framework is also embedded into [RUReady.ND.gov](#), the career information delivery system available to all North Dakota schools. The user can browse for careers and related occupations within each cluster, access tools such as the “Career Finder” to search for careers and related topics such as salaries, skills and educational recommendations. Hundreds of occupational video clips and connections to careers within the military branches are also available.

Assistant Director Corner

North Dakota Career and Technical Education



-Mark Wagner, Assistant Director,
North Dakota Career and Technical
Education

Leadership Opportunities Available as Part of Career and Technical Education in North Dakota

Career and Technical Student Organizations (CTSOs) enhance student learning through contextual instruction, leadership and personal development, applied learning and real-world application. The excitement and energy felt at these conferences are like no other events as emerging young leaders are an inspiration to be associated with.

Through our local program areas, we have student membership in:

- *DECA (Marketing Education)*
- *Future Business Leaders of America (FBLA)*
- *National FFA Organization (FFA)*
- *Family, Career and Community Leaders of America (FCCLA)*
- *Future Health Professionals (HOSA)*
- *SkillsUSA (Trades, Industry Education and Health Education)*
- *Technology Student Association (TSA)*

CTSOs work as an integral component of the classroom curriculum and instruction, building upon employability and career skills and concepts through the application and engagement of students in hands-on demonstrations and real life and/or work experiences through a Career and Technical Education (CTE) program. CTSOs help guide students in developing a career path, a program of study, and provide opportunities in gaining the skills and abilities needed to be successful in those careers through CTSO activities, programs and competitive events. In addition, students have opportunities to hold leadership positions at the local, state, and national level and attend leadership development conferences to network with other students as well as business and industry partners.

The impact that CTSOs make in our state is quite astonishing. If given the opportunity, check it out at a state conference and feel the excitement that's generated!

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.

Did you know.....

According to the National Research Center for Career and Technical Education, participating in leadership and professional development activities in a CTSO raises students' educational aspirations. Students who participate in CTSOs demonstrate higher levels of academic engagement and motivation, civic engagement, career self-efficacy and employability skills than other students.