

Career and Technical Education Advisory Council  
Fairbanks North Star Borough School District

Wednesday, September 7, 2016  
5:30 – 7:00 p.m.

520 Fifth Avenue  
School District Administrative Center  
Room 341, Third Floor

**MINUTES**

Daniel Domke	Dawn Murphy
Rebecca Bruntz	Keith Swarner
Heather Christian	Robyn Taylor
Andrea Gelvin	Andrea Wade
Sue Hull	Wendell Whistler
Clarice Mingo	Cathy Winfree

**PRELIMINARIES**

CTE Director Daniel Domke called the meeting to order at 5:31 pm. Introductions were made around the table, and the sign-in sheet was passed.

The agenda was approved as presented. A motion was made by Sue Hull to approve the agenda which was seconded by Cathy Winfree. After a discussion of the April 13, 2016 minutes, a motion was made by Wendell Whistler to approve the minutes which was seconded. The minutes of April 13, 2016 were approved.

**PUBLIC COMMENT ON NON-AGENDA ITEMS**

None.

**INTRODUCTIONS**

None.

**REPORTS**

1. **FY16 PERKINS ALL-IN-ONE REPORT:** Perkins is a federal pass-through grant. Perkins report reviewed from 14-15 school year as the data for 15-16 was not yet available. Certified Nursing Assistant (CNA) program discussed along with tech prep reporting. Special populations discussed as related to Perkins which expands to include other demographics. The new Every Student Succeeds Act (ESSA) law references some of these categories as well. Career clusters defined. The federal government has sixteen (16) recognized clusters. Perkins concentrators defined as two (2) year CTE pathway to completion with graduation from high school. Attainment of academic skills discussed along with actual vs. targeted goals. Technical Skills Assessments (TSA's) discussed as occupational endorsements with examples provided. Graduation rates discussed. Non-Traditional Occupation (NTO) participation discussed as a challenge for the district. This continues to be a struggle nationwide. Personalized learning pathways discussed in relation to NTO.

Sue Hall – Discussed numbers for special populations. Tech Prep discussed in relation to special populations.

Dan Domke – Fix is a good word. We are continuing to work and improve the Tech Prep process. Transitions to CTE programs for special pops improved. In Hutchison High School (HHS), a CTE teacher is assigned to specifically work with special pops integrating CTE programs.

Robyn Taylor – Comments regarding implementation in HHS specifically.

Wendell Whistler – Discussed real world application of trends with students' involvement. He noted the loss of an apprentice due to inability to take responsibility on the job.

2. FY17 CTE FUNDING LEVELS: Senate Bill 84 funding, Carl Perkins, and Construction Academy for FY16 funding discussed. CTE had a \$250,000 reduction in funding. Construction Academy funding cut completely and Carl Perkins was reduced along with district CTE funding. Domke emphasized the continued support of CTE by the district. There may still be an option for Construction Academy funding from other sources. Funding issues will not affect the growth of CTE in the district.

## **OLD BUSINESS**

1. LATHROP HIGH SCHOOL (LHS) BUILDING TRADES CLASS: Expansion of CTE in the schools discussed. Facilities discussed. Academic teacher with contracting background stepped forward to start Building Trades in addition to his previous CTE and academic caseload. LHS CTE Department Head, Christopher Benschopf, has been a great asset in moving CTE forward at LHS. North Pole High School (NPHS) has seen CTE growth as well.
2. CTE STRATEGIC PLAN: One of the most valuable tools used develop district direction in CTE pathways has been the strategic plan. The strategic plan is driven by data, state and federal needs. Updated plan due September 9, 2016.
3. Wendell Whistler – Request to schedule senior nights another time separate from moose season: either the beginning of the month, end of the month, or October. Sue Hull requested this information be forwarded to schools for review. Clarice Mingo noted that NPHS will be scheduling their senior night in October. Dan Domke noted the need to coordinated date / time changes / events with the universities and business partners who may be affected. Open House presentations requested by Dan Domke.

## **NEW BUSINESS**

1. LRDR/LOCKHEED MARTIN: Long Range Discrimination Radar Station at Clear Air Force Base is one of the few stations that has line of sight over the horizon. The cost of renovation is over 1 billion dollars. How can our programs support the needs of the rebuild along with future staffing needs? New assets at the military installations discussed. FY17 will bring the largest construction budget for the State of Alaska. CTE needs to be sure that it can meet those needs. Conversations between district and Lockheed Martin continue in the development of a strong STEM pathway.
2. PROGRAMS OF STUDY ACADEMIC/CTE/STEM: Andrea Gelvin described programs of study. Dan Domke discussed the new Perkins V as it pertains to pathways and programs of study. Need for academic piece to be further defined and addressed in CTE programs of study. The STEM pathway, which has 75% of the skills sets required in the high priority clusters, is

comprised of many academic classes. The academic pathway is not working in conjunction with the current CTE pathways.

Wendell Whistler – Requested way to provide professional development with math, English and science teachers specific to trades. He would like to see students improve these skills so that they can pass the math and English trades exams. Apprentices who cannot pass these tests have to pay to go through a national math course to get the skills necessary to be successful in the trades. These apprentices cannot solve basic math problems that are introduced in the 7<sup>th</sup> and 8<sup>th</sup> grade upon completion of high school.

Dan Domke discussed theoretical math vs practical math applications. CTE teachers are starting to address these needs in their classes, and we would like to expand this to academic classes as well.

Sue Hull noted that these pathways are important in developing student skills. Need to make school more relevant and interesting for students so that they do not get lost to boredom. Tracks discussed. English and math tailored to the students' pathway and needs. Movement would be allowed between pathways. The whole system needs to be revised to look at how students are being taught. The 20% graduation fail rate discussed.

3. FY17 OPERATIONS: Discussed strong CTE pathways in the health science cluster and the relatively new growth in the architecture and construction trades classes. Tech Prep will continue to be strong. Our highest priority is developing comprehensive CTE programs of study aligned with general education requirements.

## **INFORMATION**

1. CTE STAFFING UPDATE: The district currently has teacher openings that are not filled. This creates problems for CTE teachers as they are shifted through the schools due to need. CTE teachers have a dramatic effect on CTE pathways and course offerings. Staffing needs to go hand in hand with the development of pathways. It is hard to make a regular education teacher into a CTE teacher for many fields. Staffing continues to be a challenge.
2. INDIVIDUAL SCHOOL UPDATES: Andrea Wade discussed CTE at NPHS. NPHS conducted a student survey last year to discern the want and need of students. They discovered that 1/3 of students wanted the healthcare pathway so changes were made to accommodate this need. NPHS is striving for a more concentrated approach for pathway development.

Wendell Whistler noted that Fairbanks has seven (7) local apprentice programs. He discussed a possible counselor tour of apprenticeship programs in Fairbanks followed by a round table discussion. This may possibly include a university connection as well. This may expand to a parent event at the Pipeline Training Center.

## **CLOSING COMMENTS FROM COMMITTEE MEMBERS**

Rebecca Bruntz noted the lack of participation from NPHS in the health care career exploration days at FMS. FMH is continuing to conduct these events at FMH and would love to see NPHS more involved. Students tour the surgery center and ER among other programs.

Cathy Winfree noted that she was happy to see increased number from NPHS in the CNA class this year.

Robyn Taylor provided update on HHS. She noted the addition of the Math in the Trades class and continued offering of the Math in Healthcare courses. How do you bring academic core content classes to life in the realm of CTE? HHS wants all teachers to bring their content to life. Shout out to the School Board for embracing personal learning pathways, which has truly made HHS a districtwide school and expanded opportunities for all students.

Trade Union representatives are willing to come in and teach a few hours of why this is important for math, science, and English. Field trips for regular education classes suggested to show practical application of these academic concepts.

Andrea Wade noted that maybe a teacher professional development may be in order.

Explore Fairbanks noted difference between book learning and practical application as well on the collegiate level. The tourism industry continues to be a growing in Fairbanks. Visitor numbers for Winter (October – April) produced over \$5 million bed tax revenue. AFN is coming in October with the Ministerial Alliance coming in May with a host of dignitaries. China, Japan, Uzbekistan, and other countries continue to charter flights into Fairbanks.

**ADJOURNMENT at 7:03 PM.**