

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

Wednesday, April 13, 2016
5:30 – 7:00 p.m.

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

AGENDA

A. PRELIMINARIES

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of February 10, 2016 Minutes

B. PUBLIC COMMENT ON NON-AGENDA ITEMS

C. INTRODUCTIONS

D. REPORTS

1. CTC Aviation Program
2. LHS Career Fair/DOL Career Guides
3. Carl Perkins Re-Allocation Grant

E. OLD BUSINESS

1. Explore Fairbanks
2. School to Apprenticeship Selections
3. Carl Perkins Planning & Implementation Grant Update

F. NEW BUSINESS

1. LHS Building Trades Class
2. CTE Strategic Plan

G. INFORMATION

1. CTE funding update
2. New Assistant Superintendent

H. CLOSING COMMENTS FROM COMMITTEE MEMBERS

I. ADJOURNMENT

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

Wednesday, February 10, 2016
5:30 – 7:00 p.m.

520 Fifth Avenue
School District Administrative Center
Room 338, Third Floor

MINUTES

Daniel Domke
Heather Christian
Patricia Crisenbery
Sue Hull
Dawn Murphy
April Scott

Michele Stalder
Keith Swarner
Robyn Taylor
Caden Wassman
Cathy Winfree

PRELIMINARIES

CTE Director Daniel Domke called the meeting to order at 5:32 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 Dawn Murphy to approve the minutes as presented. It was seconded by Caden Wassman. The minutes of November 4, 2015 were approved.

PUBLIC COMMENT ON NON-AGENDA ITEMS

None.

INTRODUCTIONS

None.

REPORTS

1. **AGC LEGISLATIVE TESTIMONY:** Mr. Domke was part of an Alaska General Contractors team who traveled to Juneau to advocate for solutions to the budget crisis with the Alaska State Legislature. Mr. Domke's role for AGC was highlighting the School to Apprenticeship program and other workforce development. The State needs to come up with matching grants for federal funding.
2. **ANNUAL ALASKA CARL PERKINS CTE WORKSHOPS AND CTE:** Carl Perkins Federal grant funding discussed as a formula grant based on enrollment. \$310,000.00 awarded for FY16 along with \$81,000 pending for reallocation. **Perkins cannot be used to supplant any local or state funding; it can only be used to supplement programs.**

Sue Hall discussed issues with smaller districts and Perkins funding. Perkins audit findings discussed in regards to small districts which is leading to a move to regional organization to administer spending. Federal focus is outcome based.

OLD BUSINESS

1. **STA / INTRODUCTION TO TRADES / NURSING:** Applications from across the district received for these programs. Second Welding Academy added due to high enrollment. CTE continuing to expand off-site opportunities for FNSBSD students. CNA applications very diverse and spread throughout all district high schools.
2. **CARL PERKINS REALLOCATION APPLICATION:**
Non-Traditional Occupations (NTO's) discussed along with special populations which is a major focus of Perkins. Important to note that special populations under Perkins includes several populations and is not a special education designation.

Discussed ways to meet Perkins DARTS for NTO (non-traditional occupations). The Perkins Reallocation funds could expand access to career exploration resources to more students, for example males in the healthcare provider field. The district also needs to expand NTO participation of females in construction, architecture and drafting, the automotive and TDL cluster, and welding.

A suggestion was made that this year's reallocation funds be designated for CTE specific computer carts for use at each of the five high schools. While schools have lots of computers these computers are often unavailable to CTE classes. These computers could be used for Career Exploration activities guided by CTE teachers or counselors which is the first step in addressing the NTO DARTS for both males and females. The computers could also be used by CTE teachers accessing CTE specific programs such as NCCER online. Robyn Taylor also noted that ARTS/AV programs and Video Productions classes could utilize these computers when not in use by other programs.

NEW BUSINESS

1. **PLANNING and IMPLEMENTATION GRANTS:** Discussion of Perkins Postsecondary Planning Grant to be used for eight (or one, example healthcare) high demand career clusters with an award of \$50,000. The goal of this program is to have direct student impact and / or professional development for teachers / programs.
2. **IMPLEMENTATION GRANT:**

FNSBSD wants to use the grant to help pay student tuition for UAF / CTC courses in the healthcare field. The implementation grant, if awarded, could provide approximately \$450,000 over three (3) years. UAF / CTC course catalogs distributed by Prof. Cathy Winfree. CTC offers a two-year program in Allied Health. Discussed CNA, MA, Medical Coding, Medical Billing, and other Allied Health offerings including Dental Hygienist and Dental Assistant programs and current status due to budget issues. UAF / CTC hopes to have the Dental Hygienist program available in the future.

The Perkins Grant goal is to have students graduate from HS and go to work in the healthcare provider field or continue on with post-secondary education and become employed in the healthcare provider field. Students could possibly graduate from high school with close to an associate's degree earned. Sue Hull discussed schools in the lower 48 who are already graduating student with associate degrees, many in the healthcare field.

Discussed option of bringing CTC teachers into school to teach the healthcare provider programs. Facility options discussed along with feasibility of recreating what CTC already has available. Also discussed possibility of scheduling high school classes at CTC.

Transportation options discussed to get students to UAF / CTC along with potential of UAF / CTC as a possible site of the Independent Learning Center to expand ease of access to the UAF / CTC courses. UAF E-Learning options discussed.

April Scott questioned how the acceptance process would work. Selection may come from the building level much the same as the CNA process. Different pathways to access along with prerequisites discussed. A cohort model could be used to encapsulate NTO males for the healthcare provider field.

Stipends are available to teachers and industry partners to plan the specifics of implementation for this grant.

Discussed campaign to get the message out that college credits are available through FNSBSD programs and highlight partnership between FNSBSD and UAF / CTC. Extension of class periods beyond 6 credits discussed to allow for more CTE options for all students. Role of counselors applauded by UAF / CTC in the work done to connect students to currently offered opportunities.

Finally, plans for sustainability of this program were discussed.

INFORMATION

1. JP Morgan announcement to support a CTE grant: JP Morgan does not want four (4) year degree focus. They need people in the field at all levels. CTE Director Domke was invited to be on the State advisory committee. Twenty-five (25) states to be awarded \$1.95 million. Alaska believes it has a good chance due to location, rural nature and high need.

CLOSING COMMENTS FROM COMMITTEE MEMBERS










Robyn Taylor: Excited to see expansion for health care pathways. Healthcare is number one requested freshman field.




ADJOURNMENT at 6:53 PM.

FY15-19 Strategic Plan - 2015-16 School Year

CTE : Action Plan - Summary

Date Revised: April 11, 2016





Priority	Items	Who	Start Date/ End Date	EOY Target, Measure	% Complete/ Actual	Status/ Variance
My Items						
Normal	1.5.1.1 Ryan Middle School: Implement Career Explorations for 7th & 8th graders school wide. (Ryan Middle School) <i>Comments on Status: Ryan has implemented Career Exploration courses for all 7&8th grade students.</i>	CTE	09/01/15 06/30/16	100% Implementation of a school wide Career Exploration curriculum for 7th and 8th graders	100%	 As of 12/08/15
Normal	1.5.1.2 Middle Schools will Implement Career Exploration Wheels for all 7th and 8th grade students	CTE	08/15/16 05/15/17	Percentage of 7th and 8th grade students who complete the Career Explorations		 As of 12/09/15
Normal	1.5.2.1 Add additional CTE shop space at Lathrop High School using educational tax credits (2018-19). (Contributors: Superintendent, Facilities, Grants/Special Projects)	CTE	07/01/17 06/30/18	Implementation 2018-2019		 As of 09/28/15
Normal	1.5.2.2 Purchase access to online CTE instructional courses for stand-alone or blended learning instruction available to all 7-12 students district wide. This project has been delayed until the FNSBSD selects an online platform for academic courses to ensure seamless integration. <i>Comments on Status: Research is ongoing for CTE online curricular options and the associated costs. A research visit to the Mat-Su school district provided some critical guidance in regards to the purchase and use of districtwide online curriculums. This project has been delayed until the FNSBSD selects an online platform for academic courses to ensure seamless integration.</i>	CTE	09/01/15 06/30/16	1 Purchase access for all 7-12 students to online CTE curriculum	0	 As of 12/08/15
Normal	1.5.2.3 Provide CTE training during the regular school day at area high schools with outcome based certifications. This will include Forklift certifications, scaffolding and fall protection, power tool use, hand tool use. <i>Comments on Status: Lathrop High School-NCCER Core added.</i>	CTE	09/01/15 05/20/16	1 Ongoing	1	 As of 12/08/15
	1.5.3.1 Increase part-time enrollment for CTE courses at Hutchison High School for students districtwide. (Management Team)	CTE	07/01/15 06/30/17	55	55	 As of 12/08/15
	1.5.3.2 Add additional courses at Fairbanks Pipeline Training Center. Specifically Introduction to the Electrical Trades and a second welding class. (Contributors: Asst. Superintendents, Curriculum, School Admin/Counselors) <i>Comments on Status: Courses to continue second semester 2015-16. Currently the program has 31 applications from students across the district. Two welding classes and on Introduction to the Electrical Trades classes will be offered second semester.</i>	CTE	07/01/15 06/30/17	2 Number of courses added	2	 As of 12/08/15
	1.5.3.3 Ensure students have access to the district wide Certified Nursing Assistant program. <i>Comments on Status: First semester CNA slots are full, Second semester CNA enrollment includes 1BEH, 4HHS, 8LHS, 4NP, 3WV</i>	CTE	07/01/15 06/30/17	20 Number of students district wide enrolled in CNA courses	20	 As of 12/09/15
	1.5.3.5 Increase Work Based Learning opportunities at each high school using existing Memorandums of Understanding with the City of Fairbanks	CTE	07/01/15 06/30/17			 As of 09/24/15

	1.5.3.6 Develop Work Based Learning opportunities for students within the Fairbanks North Star Borough School District	CTE	07/01/15 06/30/17			 As of 08/13/15
	2.1.11.1 Develop a process for CTE teachers to systemically engage parents to expand learning opportunities, professional experience and resources in CTE classes.	CTE	08/01/15 06/30/16	Ongoing		 As of 08/13/15
	4.3.4.1 Align program curriculum, career pathways, and teacher professional development outcomes to focus on industry, state, and federal recognized credentials, endorsements or certifications for students. <i>Comments on Status: The district is applying for a Post-Secondary Carl Perkins planning grant which will encompass all of these elements aligned with a districtwide medical pathway.</i>	CTE	08/01/15 06/30/16	1 Ongoing	1	 As of 12/09/15




CTE : Action Plan - Detail

Priority	Items	Who	Start Date/ End Date	EOY Target, Measure	% Complete/ Actual	Status/ Variance
1 Personalized Learning: Provide students with options to meet their needs and achieve academic success.						
	1.5 CTE: Expand CTE pathways to ensure equitable options and access to high school students. <i>Comments on Status: 11/04/15 AWP working at LHS first semester in WBL implementing NCCER Core. IBEW instructor beginning in January 2016 at LHS to help AWP. Three after school courses set-up at Fairbanks Pipeline Training Center for students districtwide beginning second semester 2015-2016 school year. STA enrollment has begun. CTE pathways continue to develop adding equitable options and access for more students</i>	CTE	07/01/15 06/30/16	11 Expanded CTE (Increase over 2014-15)	4	 -7 As of 12/20/15
Normal	1.5.1 Implement a comprehensive Career Explorations curriculum at schools which offer grades 7-8 <i>Comments on Status: Pilot curriculum being implemented at RYAN Middle 2015-16</i>	CTE	09/01/15 05/15/17	1 Full implementation by 2016-2017 school year	1	 As of 12/09/15
Normal	1.5.1.1 Ryan Middle School: Implement Career Explorations for 7th & 8th graders school wide. (Ryan Middle School) <i>Comments on Status: Ryan has implemented Career Exploration courses for all 7&8th grade students.</i>	CTE	09/01/15 06/30/16	100% Implementation of a school wide Career Exploration curriculum for 7th and 8th graders	100%	 As of 12/08/15
Normal	1.5.1.1.1 Work collaboratively once a month with RMS principal Heather Stewart on Career Exploration Wheel topics, content, teachers and student groupings during first year implementation. <i>Comments on Status: Principal Heather Stewart is spearheading the Career Explorations at Ryan and meeting collaboratively with the CTE department once a month.</i>	CTE	08/15/15 05/20/16	10 Career Explorations classes are in place for all Ryan Students.	5	 As of 12/08/15
Normal	1.5.1.2 Middle Schools will Implement Career Exploration Wheels for all 7th and 8th grade students	CTE	08/15/16 05/15/17	Percentage of 7th and 8th grade students who complete the Career Explorations		 As of 12/09/15
Normal	1.5.1.2.1 Work collaboratively with middle school principals and counselors on Career Exploration Wheel topics, content, teachers and student groupings during the first year of implementation.	CTE	08/15/16 05/15/17	All middle school students districtwide complete a career explorations elective		 As of 08/12/15
Normal	1.5.2 Increase access to ON-SITE CTE opportunities for high school student. (Assistant Superintendents). <i>Comments on Status: Alaska Works Partnership co-teaching Work Based Learning classes at LHS using the Ryan shop. North Pole CTE renovation complete and expanding course offerings in Culinary, Drafting and Health Careers. Hutchison High School health cluster courses expanding. West Valley Culinary program expanding. AWP will be working at Lathrop with the Work Based Learning Classes using the NCCER curriculum during second semester at Lathrop!</i>	CTE	09/01/15 05/19/17	4 Ongoing	4	 0 As of 12/09/15
Normal	1.5.2.1 Add additional CTE shop space at Lathrop High School using educational tax credits (2018-19). (Contributors: Superintendent, Facilities, Grants/Special Projects)	CTE	07/01/17 06/30/18	Implementation 2018-2019		 As of 09/28/15
Normal	1.5.2.1.1 Work with Grants and Special Projects to facilitate planning and funding for Lathrop facility upgrade.	CTE	07/01/17 06/30/18	Student use of new CTE space		 As of 09/28/15




Normal	<p>1.5.2.2 Purchase access to online CTE instructional courses for stand-alone or blended learning instruction available to all 7-12 students district wide. This project has been delayed until the FNSBSD selects an online platform for academic courses to ensure seamless integration.</p> <p><i>Comments on Status: Research is ongoing for CTE online curricular options and the associated costs. A research visit to the Mat-Su school district provided some critical guidance in regards to the purchase and use of districtwide online curriculums. This project has been delayed until the FNSBSD selects an online platform for academic courses to ensure seamless integration.</i></p>	CTE	09/01/15 06/30/16	1 Purchase access for all 7-12 students to online CTE curriculum	0	 As of 12/08/15
Normal	<p>1.5.2.2.1 Research online and blended learning CTE curriculum's offered by Edmentum, Compass Learning and other entities. Purchase curriculum during 2015-206 school year with roll-out scheduled for beginning of 2016-2017 school year.</p> <p><i>Comments on Status: Research is ongoing for CTE online curricular options and the associated costs. A research visit to the Mat-Su school district recently provided some critical guidance in regards to the purchase and use of districtwide online curriculums. This project is on hold pending district wide adoption of online curriculum.</i></p>	CTE	09/01/15 08/19/16	1 Online CTE curriculum available to all middle and high school students	1	 As of 12/09/15
Normal	<p>1.5.2.3 Provide CTE training during the regular school day at area high schools with outcome based certifications. This will include Forklift certifications, scaffolding and fall protection, power tool use, hand tool use.</p> <p><i>Comments on Status: Lathrop High School-NCCER Core added.</i></p>	CTE	09/01/15 05/20/16	1 Ongoing	1	 As of 12/08/15
Normal	<p>1.5.2.3.1 Power Tool Use and Certification x 5</p> <p><i>Comments on Status: This certification will be offered at each high school during the 2015-16 school year beginning at Lathrop High School</i></p>	CTE	09/01/15 05/20/16	5 Completion of certification testing at each of the five district high schools	1	 As of 12/08/15
Normal	<p>1.5.2.3.2 Forklift Operator Certification Course x 5</p> <p><i>Comments on Status: This certification will be offered at each high school during the 2015-16 school year beginning at Lathrop High School</i></p>	CTE	09/01/15 05/20/16	5 Completion of certification testing at each district high school	1	 As of 12/08/15
Normal	<p>1.5.2.3.3 Industrial First Aid Certification x 5</p> <p><i>Comments on Status: This certification will be offered at each high school during the 2015-16 school year beginning at Lathrop High School</i></p>	CTE	09/01/15 05/20/16	5 Completion of certification testing at each district high school	0	 As of 09/23/15
Normal	<p>1.5.2.3.4 Implement National Center for Construction Education and Research (NCCER) CORE curriculum into the Careers and Employability and Work Based Learning classes at Lathrop High School. Training to be conducted during the regular school day with online components available to students 24/7</p> <p><i>Comments on Status: Program began September 21, 2015</i></p>	CTE	09/01/15 05/20/16	1 Student progress in NCCER CORE curriculum	1	 As of 12/08/15
Normal	<p>1.5.2.3.5 Implement Alaska Works Partnership training into the Careers and Employability and Work Based Learning classes at Lathrop High School. Training to be conducted during the regular school day.</p> <p><i>Comments on Status: Alaska Works Partnership is working with the Work Based Learning classes at Lathrop High School during the first semester. The program is scheduled to continue through second semester.</i></p>	CTE	08/20/15 05/20/16	1 Ongoing	1	 As of 12/08/15
Normal	<p>1.5.3 Increase OFF-SITE CTE opportunities for high school students. (Assistant Superintendents).</p> <p><i>Comments on Status: Two welding and one Introduction to the Electrical Trades will be offered Fairbanks Pipeline Training Center during second semester 2015-16. This course will be open to juniors and seniors districtwide.</i></p>	CTE	09/01/15 05/19/17	10 Ongoing; # of students enrolled	1	 -9 As of 12/09/15
	<p>1.5.3.1 Increase part-time enrollment for CTE courses at Hutchison High School for students districtwide. (Management Team)</p>	CTE	07/01/15 06/30/17	55	55	 As of 12/08/15

1.5.3.2 Add additional courses at Fairbanks Pipeline Training Center. Specifically Introduction to the Electrical Trades and a second welding class. (Contributors: Asst. Superintendents, Curriculum, School Admin/Counselors) <i>Comments on Status: Courses to continue second semester 2015-16. Currently the program has 31 applications from students across the district. Two welding classes and on Introduction to the Electrical Trades classes will be offered second semester.</i>	CTE	07/01/15 06/30/17	2 Number of courses added	2	 As of 12/08/15
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2 Effective Communication: Establish transparent and consistent communication to increase student, parent, staff and community connectedness with the District.

2.1 Parents: Ensure all parents are informed through systematic, multi-channel delivery of relevant information.		07/01/15 06/30/16	100% Ongoing systematic communication	50%	 As of 12/20/15
2.1.11 Use parent expertise and connections in CTE.	CTE	08/01/15 06/30/16	100% Process on target		 -100% As of 12/11/15
2.1.11.1 Develop a process for CTE teachers to systemically engage parents to expand learning opportunities, professional experience and resources in CTE classes.	CTE	08/01/15 06/30/16	Ongoing		 As of 08/13/15

4 Organizational Support: Create an environment that supports the needs of staff to enable a school and organizational climate where students thrive.

4.3 Quality Teaching: Implement New Educator Evaluation Framework. <i>Comments on Status: Based on progress of supporting objectives, on track for mid-year.</i>		07/01/15 06/30/16	100% Implementation of Danielson Framework	50%	 As of 12/20/15
4.3.4 Support CTE outcomes/certificates. <i>Comments on Status: All CTE pathway outcomes are being restructured to focus on student certifications</i>	CTE	08/01/15 06/30/16	100 Process on target	1	 As of 12/09/15
4.3.4.1 Align program curriculum, career pathways, and teacher professional development outcomes to focus on industry, state, and federal recognized credentials, endorsements or certifications for students. <i>Comments on Status: The district is applying for a Post-Secondary Carl Perkins planning grant which will encompass all of these elements aligned with a districtwide medical pathway.</i>	CTE	08/01/15 06/30/16	1 Ongoing	1	 As of 12/09/15

 Not Started
  Deferred
  On Target
  Off Target
  Waiting on Someone
  Critical
  Achieved