

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

Wednesday, November 4, 2015
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 September 9, 2015 Minutes

B. PUBLIC COMMENT ON NON-AGENDA ITEMS

C. INTRODUCTIONS

1. Caden Wassmann
2. Robyn Taylor, Principal Hutchison High School

D. REPORTS

1. ACTE Conference
2. ACTE Awards
3. Alaska Carl Perkins District Cohorts
4. Lathrop Update

E. OLD BUSINESS

1. Trade Union Introduction Courses
2. School to Apprenticeship
3. CTE Strategic Plan Board Presentation

F. NEW BUSINESS

1. State Workforce Innovation and Opportunity Act (WIOA)
2. State Apprenticeships
3. Carl Perkins Planning Grant

G. INFORMATION

1. CTE funding update
2. Ryan Middle School
3. District Interns, Teacher Assistants

H. CLOSING COMMENTS FROM COMMITTEE MEMBERS

I. ADJOURNMENT

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

Wednesday, September 9, 2015
5:30 – 7:00 p.m.

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

MINUTES

Daniel Domke
Lisa Gentry
Dawn Murphy
Andrea Gelvin

Heather Christian
Keith Swarner
Rebecca Bruntz
Wendell Whistler

PRELIMINARIES

Daniel Domke called the meeting to order at 5:38 pm. Introductions were made around the table and the sign in sheet was passed.

The agenda was approved as presented. The minutes of March 31, 2015 were approved.

PUBLIC COMMENT ON NON-AGENDA ITEMS

Health Occupations Students of America (HOSA) – Medical Explorer Career and Technical Student Organization (CTSO) update by Rebecca Bruntz.

REPORTS

1. Brief overview of funding sources. CTE not singled out for budget cuts.
2. CONSTRUCTION ACADEMY (CA) GRANT: State of CA grant discussed regarding significant cut. Detailed move from high school to adult education.
3. CARL PERKINS GRANT: Federal pass-through grant reduced. Overview of Perkins All-in-One Report. Detailed Technical Skills Assessments. Industry driven credentialed programs.
4. HARD DOLLARS: Cuts made across the board, approximately \$102,000 cut to CTE.
5. Future of CTE funding discussed along with opportunity for change. Overview of upcoming report to the board regarding CTE.
6. COMMENTS: CTE is under promoted across the district. Swarner - What is the percent of reduction?

OLD BUSINESS

1. CTE CURRICULUM: Pathways from Secondary to Post-Secondary discussed. Global view versus school view. Curriculum approval process discussed. Perkins funding requires state approval of courses. 108 courses approved by State through Perkins. CTE Curriculum has been approved through School Board. Now moving towards materials review to match curriculum / CTC. Review / move to online curriculum. Possible savings and instant update possibility for digital materials.

Comments: Fairbanks Memorial Hospital (FMH) wants to only hire Bachelor of Science in Nursing (BSN). University of Alaska Fairbanks (UAF) will start a BSN program in 2016 coordinated via University of Alaska Anchorage (UAA). This will be in addition to the Certified

Nursing Assistant (CNA) program. UAF Community and Technical College (CTC) has been very responsive to local needs. Faculty position will be UAF / UAA. This program may be expanded to Kodiak, Bethel, and Bristol Bay. Capacity is reliant upon what the local hospital can absorb. The wait list which can be up to three (3) years makes it difficult to enter the nursing field. CNA discouraged by road blocks to continuing education / career expansion. Competitive nature bars CNA applicants who just want to stay a CNA rather than use it as a stepping stone into nursing.

2. CTE FUNDING UPDATE: ESEA review.
3. CTE PROGRAMS OF STUDY – PERKINS V: Perkins V will require true programs of study from middle school through high school. Fire Fighter / EMT route from high school to college – Bachelors – Masters. Union apprenticeship opportunities. Pathways can have several looks depending on the cluster.
4. CTE STRATEGIC PLAN: What do CTE opportunities look like at each school? What is the district perspective? CTE's goal is to serve the greatest number of students with dwindling resources. Plan to use the employment projects to develop big picture using employment data. Health career is the easy place to start as it is the highest growing occupation. Construction, mining, union / trades are the next largest growing industry. Hospitality and tourism growing as well with an increase in Japanese / Chinese tourists year round. Winter season tourism is growing faster than the summer industry at this time. Transportation and logistics opportunities are also needed. It is the second largest private sector employment. Transitioning from school to the workforce was also discussed. Workforce development is number one concern for local businesses. Employment opportunities based on hard date in conjunction with Perkins Pathways that can align with the budget.

NEW BUSINESS

1. TRADE UNION INTRODUCTION COURSES: Introduction to the Electrical Trades in conjunction with the Pipeline Training Center was offered last spring. The Introduction to Residential Plumbing class did not end up going due to low enrollment. These courses give students an avenue to prepare for apprenticeship. Three (3) of the eight (8) juniors in the Introduction classes have been asked to assist with volunteer projects through the Union to gain experience and further training. CTE is looking to expand interest in the Introduction to the Trades courses and School to Apprentice programs. These courses will be conducted at the Pipeline Training Center. FNSBSD cannot duplicate the facilities available through this partnership. MOA with Fairbanks City discussed including the internship with the Engineering Department from last year. This year students will continue with Engineering and IT Departments. CTE wants to expand internships to the school district and / or Borough.
2. PERKINS POST-SECONDARY GRANT: This grant can affect Tech Prep and tying in high school and college together. CTE will explore putting a health cluster in Lathrop in conjunction with FMH. Medical Coding and Billing is a huge need right now. A new coding system is to be introduced soon, and industry will have a large turnover of near retirement personnel who do not desire to learn the new system. Industry representative requested that medical billing be added to the health cluster as coding and billing experience will be invaluable on their health care resumes.

INFORMATION

1. SCHOOL TO APPRENTICESHIP (STA): STA is high skill, high wage opportunity for graduating seniors. It allows high school students to bypass the apprentice process and go directly into a union apprenticeship. Overview of application and criteria discussed. Students must be committed and serious about this career choice. FNSBSD is seeking a large pool for this process. Opportunities may still exist for graduating students even if they are not accepted into the STA program. Plumbers and Pipefitters have utilized a similar process through the welding programs.

2. **PRESIDENTIAL SCHOLAR:** The Presidential Scholar Program has been expanded to include the CTE program. Based on rigorous academics, Career and Tech Education is becoming more relevant across the nation. The game is changing due to industry pressure. Five CTE student applications from Alaska will be forwarded for review on a national level. Currently we have no applicants for this opportunity. If we do, they are coming from Anchorage and Mat-Su. It would be nice to see some Fairbanks students make the running for the national level.

CLOSING COMMENTS FROM COMMITTEE MEMBERS

Whistler: Direct entry into the apprentice from the King Career Center and now with AVTEC. A third program has been conducted through AK Works. The union would like to explore expanding that to Fairbanks.

Whistler: If Union can be invited to the Alaska Association for Career and Technical Education (ACTE) conference, they could figure out funding for his attendance. Northwest power producers will be at the Denina Center at the same time frame as ACTE.

Swarner: Alignments with CTC Drafting Curriculum – has a design and fabrication program. Union is doing BIM – Building Information using Auto Cad. All bending conducted off-site and assembled on site. Magelky is currently teaching 3-D courses. Shift of Project Lead the Way (PLTW) teacher from Ehnert to Benshoof discussed. Big opportunity for a partnership exists here.

Swarner: What about the students who are not quite ready yet? What are the supports for those groups? What happens to the ones who are on the lower levels of achievement?

Domke: The great equalizer of CTE is gainful living wage employment for every kid. The purpose of school is success in life after school. How do we offer equitable CTE opportunities for every kid in the district?

Health Care Industry: Internships / Apprenticeships have challenges due to confidentiality issues. Over 50 students from Lathrop's Rene Parsley's class toured FMH and Chena Goldstream Fire and Rescue (CGFR) ambulance. They discussed personal protection equipment. Employability discussed regarding driving records, criminal history, and substance use.

ADJOURNMENT at 6:55 PM.



Fairbanks North Star Borough School District

Introduction to the Electrical Trades

Pipeline Training Center

Spring Semester 2016



Topics Include:

Residential Wiring
Installation of Luminaries
Receptacle Switches
Electrical Service
Industry Field Trips
Apprenticeship Info.
Certifications



For more information contact:

Heather Christian

CTE Program Secretary

heather.christian@k12northstar.org

(907) 452-2000 Ext.11538

Application Requirements:

Complete Application
Letter of Recommendation
Good Attendance
Own Transportation
Junior or Senior status

Dates & Times:

January 11—May 10, 2016

Mondays & Tuesdays

3:30 to 5:30 pm



Funding for this course provided by the Carl D. Perkins grant from the Alaska Department of Education & Early Development. The Fairbanks North Star Borough School District is an equal employment and education opportunity institution. Auxiliary aids and services are available upon request to individuals with disabilities.



Fairbanks North Star Borough School District

Introduction to Residential Plumbing

Pipeline Training Center

Spring Semester 2016



Topics Include:

- Tools & Materials
- Trades Math
- Pipe Joint Preparations
- Pipe Sizing
- Plumbing Code
- Fixture Installation
- Apprenticeship Info.
- Certifications



Application Requirements:

- Complete Application
- Letter of Recommendation
- Good Attendance
- Own Transportation
- Junior or Senior Status

Dates & Times:

- January 13—May 12, 2016
- Wednesdays & Thursdays
- 3:30 to 5:30 pm

For more information contact:

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