

SPECIAL Career and Technical Advisory Committee (C-TAC)
...with additional Stakeholders

Minutes 8-30-2011
11:30am-1:30pm
Skyview High School Room C-106

I. Introductions & Code of Cooperation

John O'Brien opened the meeting and explained the Code of Cooperation.

Members present: Dr. Atwater (KPBSD Superintendent); John O'Brien (KPBSD, Director Secondary Ed); Olivia Duren and Robert Bearhart (Student Reps); Lynn Hohl and Bill Holt (KPBSD School Board) Bruce Gabriel (Big G Electric); Bob Hammer (Adult Construction Academies); Ruben Foster, (Dept. of Corrections); Tim Vlasak, (Director Federal Programs and Assessment-KPBSD); Walt Ward (retired CTE Director); Doug Grzybowski, (DOL/WD); Bruce Jackman, (Tesoro); Alan Fields (Principal, KCHS); Barry Hartman, (Skyview Shop Teacher); Dana Edwards (PTLW Soldotna); Laura Fortner (KCHS Counselor); Meggean Bos (Soldotna CTE teacher), Betty Miller (Nurse, Skyview); Paula Martin and Henry Haney (KPC); Dick Harrell (AVTEC); Dan Bohrnsen (CTE Coordinator); Debbie Pearson (CTE Admin Asst.) and Loretta Spalding (Career Guidance Liaison).

II. Purpose of the Meeting-Dr. Atwater

The Alaska State Legislature through SB84 has appropriated \$831,000 per year for the next 5 years for Career Technical Education for the Kenai Peninsula Borough School District. The School Board is proceeding cautiously with these funds and is seeking input from CTE partners on how these funds might be best utilized.

Considerations to remember for this appropriation are to seek equity across the District so the money will benefit the most students. Also CTE has the potential to align with core curriculum (ex: applied mathematics tied to medical career pathways, etc.) The District would like to see CTE efforts focused on doing a few things well and not offer a diluted program.

Dr. Atwater said he appreciated the groups input and would be bringing recommendations to the Board for action before the first of the year. The appropriation may be allocated this school year based on Board approval.

III. KPBSD Current CTE/Workforce Development Programs & Funding Sources

Dan Bohrnsen gave an overview of current CTE pathways and courses, including:

Health/Human Services, Certified Nurses Asst. (CNA), Personal Care Asst. (PCA), Medical Terminology, Emergency Trauma Technician (ETT); Child Development and Intro to Criminal Justice

Engineering: Project Lead the Way Intro to Engineering, Digital Electronics, Advanced Drafting, Principle of Technology

Hospitality/Tourism: Foods 1 & 2, Culinary Arts 1 & 2, Hospitality and Tourism and Nutrition and Food.

Building Trades: Construction, Woodworking, Welding, Drafting, Welding Fabrication, Computer Numerical Control (CNC) Programming and Marine Technology

Business/Information Technology: Computer Applications, Desktop Publishing, Marketing, Accounting, Employability Skills, Software Design

Transportation/Automotive: Power Mechanics 1 & 2, Advanced Auto

The funding streams for 2010-11 were: Carl Perkins (\$267,000); Construction Education Foundation (CEF) \$169,000; Youth First (\$85,000) and Stimulus (\$198,000). The Stimulus funds are not available any longer but were divided throughout the District to CTE programs for equipment and supplies.

Total funding for 2011-2012 is: Carl Perkins \$196,000, CEF \$169,822; Youth First \$85,000 and SB84 \$831,000. The CTE department is seeking direction for stake holders on how this money be utilized to expand and improve CTE throughout the District.

IV. "Future Work Skills 2020"

Dr. Atwater shared information from a report about "Future Work Skills 2020" that was done by the University of Phoenix Research Institute. The report identified six disruptive forces that will impact workers in the next decade. The forces were extreme longevity (more people working longer), rise of smart machines and systems, new media ecology, computational world (world as a programmable system), globally connected world, and superstructured organizations.

The report identified ten skills that will be critical in the workforce of the future. The skills were: Sense-making; Novel and Adaptive Thinking, Trans-disciplinarily, Social Intelligence, New Media Literacy, Computational Thinking, Cognitive Load Management, Cross Cultural Competency, Design Mindset and Virtual Collaboration. He asked that the group keep these in mind when thinking about the future of CTE.

V. Visual & Dept. of Labor Trends/Statistics

Doug Gryzbowski, Peninsula Job Center presented information from the publication Trends which is available on the State of Alaska Department of Labor and Workforce Development website.

The September edition focused on Healthcare careers, as that is one of the fastest growing job markets in the State. The industries with the most growth from 2,000-2,010 were Mining (53.5%), Oil and Gas (45.5%), Educational and Health Services (61.4%), Health Care (61.3%), Social Assistance (75.9%), and Other Services (90%).

Doug also provided Borough information on the fastest growing industries in the local area. Traditionally the trends which give a 10 year forecast are a good indicator of where the workforce is headed, but with the current economic climate things could change in the future. Medical and resource development jobs are two areas the State and Borough will probably continue to see grow.

VI. "Langford Process"—Brainstorming KPBSD's CTE Future Direction

John O'Brien explained the process and opened the meeting of public comment on how to spend the SB84 appropriation. The following priorities were discussed:

- Type M Teaching Certifications (Industry collaboration)
- Tie core curriculum to CTE programs (applied math, etc.)
- Vocational/Technical Training Center
- Expand Distance Learning opportunities
- Funding for AVTEC Tuition for qualified students
- Increase employer/student interactions
- Flexible scheduling for CTE students
- Students work with adults in training academies
- AVTEC Partnership to share facilities and programs
- Expand CTE offerings to meet industry needs
- District wide CTE Plan
- Increase job shadowing opportunities
- Increase Career Guide Program to assist with AKCIS, Work Keys, PLCP's
- Broaden student's knowledge of career options
- Transportation for students to attend CTE classes and Academies
- Allow planning time for teachers to tie core classes to CTE
- Coordinate school schedules for CTE offerings
- Expand tech prep
- Increase Apprenticeship/"Capstone" Opportunities
- Career and Tech teams to travel to remote schools
- Soft Skills Training
- Early career exploration and feeder courses
- Into to Career Paths in 9th grade
- Flexibility for teachers to travel and teach at different schools
- Extended time blocks for projects
- Explore high wage/demand jobs for student career plans

VII. Summary & Next Steps (Visual)

CTE staff will prepare a synopsis of all the suggestions for CTE. CTAC and CTE stake holders were asked to submit additional suggestions to John O'Brien. These will be added to the synopsis and members will be asked to vote to prioritize CTE program goals.

After priorities are identified, the administration will make recommendations, present to CTAC and finally present them to the school board.

The meeting was adjourned at 1:30 p.m.